Rectangles - Same Perimeter & Different Area Name:

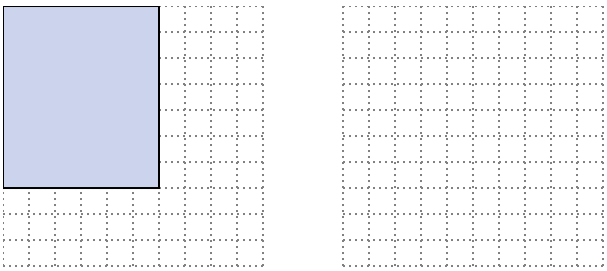
Solve each problem.

1) The rectangle below has the dimensions 1×9. Create a rectangle with the same perimeter, but a different area.

2) The rectangle below has the dimensions 1×6. Create a rectangle with the same perimeter, but a different area.

3) The rectangle below has the dimensions 1×10. Create a rectangle with the same perimeter, but a different area.

4) The rectangle below has the dimensions 6×7. Create a rectangle with the same perimeter, but a different area.



5) The rectangle below has the dimensions 1×8. Create a rectangle with the same perimeter, but a different area.

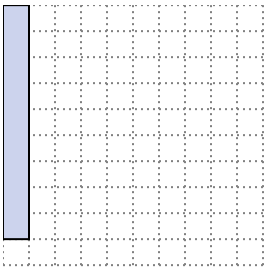
Answers

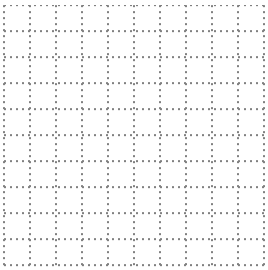
1. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Solve each problem.

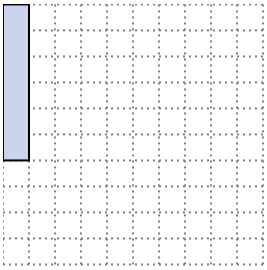
1) The rectangle below has the dimensions 1×9. Create a rectangle with the same perimeter, but a different area.

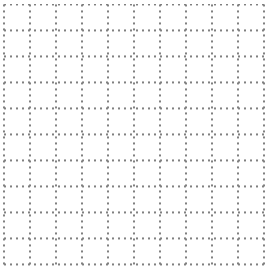




3x7

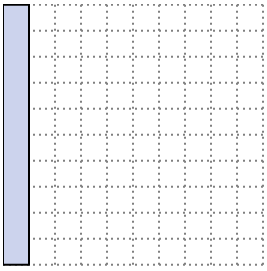
2) The rectangle below has the dimensions 1×6. Create a rectangle with the same perimeter, but a different area.

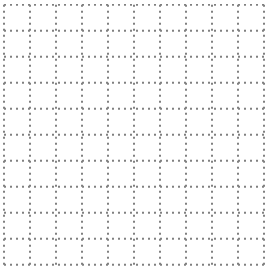




3x4
2x5

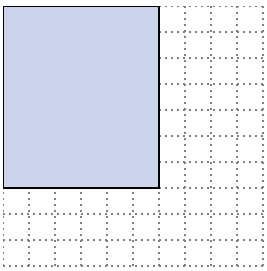
3) The rectangle below has the dimensions 1×10. Create a rectangle with the same perimeter, but a different area.

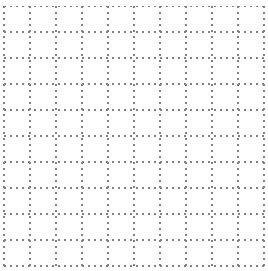




5x6
2x9

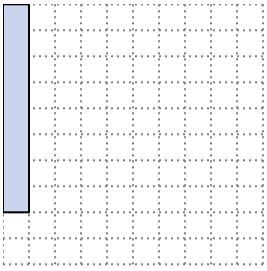
4) The rectangle below has the dimensions 6×7. Create a rectangle with the same perimeter, but a different area.

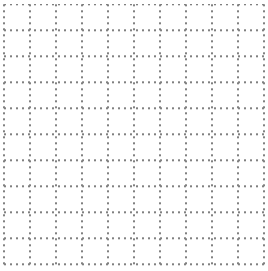




3x10
4x9

5) The rectangle below has the dimensions 1×8. Create a rectangle with the same perimeter, but a different area.





4x5
2x7

Answers

1. 3×7
2. 3×4 : 2×5
3. 5×6 : 2×9
4. 3×10 : 4×9
5. 4×5 : 2×7

1-5	80	60	40	20	0

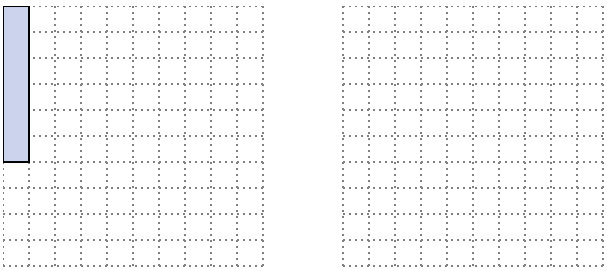
Solve each problem.

1) The rectangle below has the dimensions 1×9. Create a rectangle with the same perimeter, but a different area.

2) The rectangle below has the dimensions 1×4. Create a rectangle with the same perimeter, but a different area.

3) The rectangle below has the dimensions 4×9. Create a rectangle with the same perimeter, but a different area.

4) The rectangle below has the dimensions 1×6. Create a rectangle with the same perimeter, but a different area.



5) The rectangle below has the dimensions 2×9. Create a rectangle with the same perimeter, but a different area.

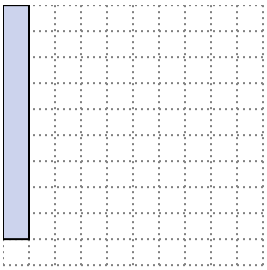
Answers

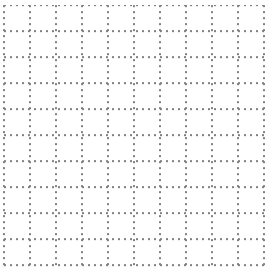
1. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Solve each problem.

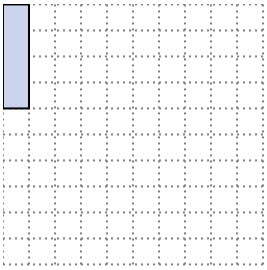
1) The rectangle below has the dimensions 1×9. Create a rectangle with the same perimeter, but a different area.

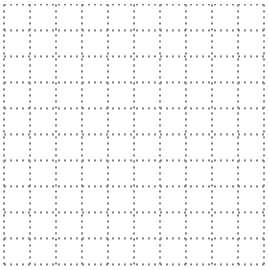




3x7

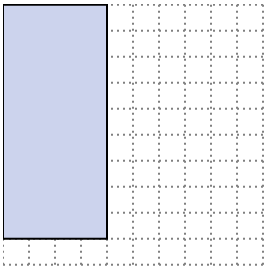
2) The rectangle below has the dimensions 1×4. Create a rectangle with the same perimeter, but a different area.

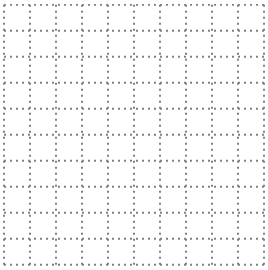




2x3

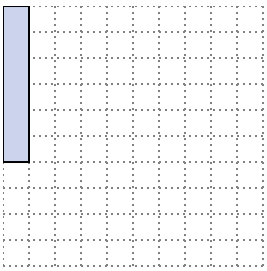
3) The rectangle below has the dimensions 4×9. Create a rectangle with the same perimeter, but a different area.

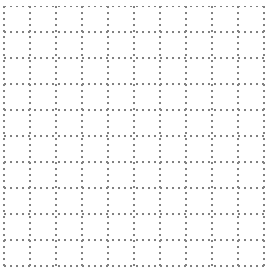




6x7
3x10

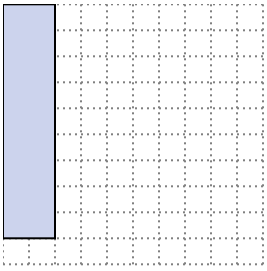
4) The rectangle below has the dimensions 1×6. Create a rectangle with the same perimeter, but a different area.

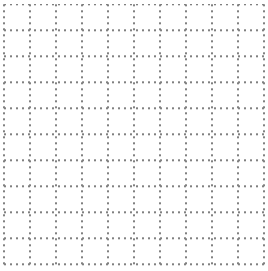




3x4
2x5

5) The rectangle below has the dimensions 2×9. Create a rectangle with the same perimeter, but a different area.





1x10
5x6

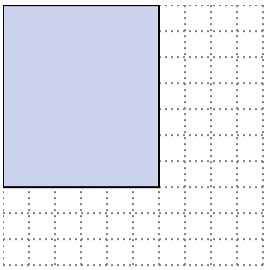
Answers

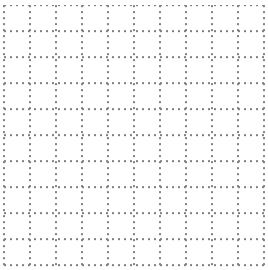
1. **3×7**
2. **2×3**
3. **6×7 : 3×10**
4. **3×4 : 2×5**
5. **1×10 : 5×6**

1-5	80	60	40	20	0

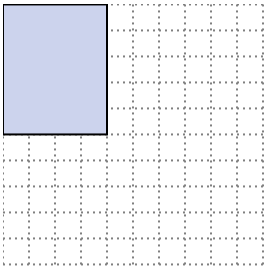
Solve each problem.

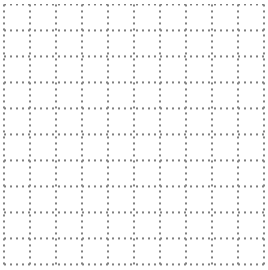
1) The rectangle below has the dimensions 6×7. Create a rectangle with the same perimeter, but a different area.



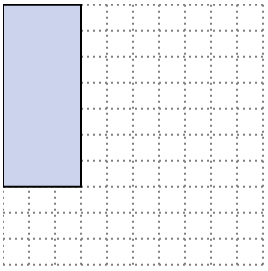


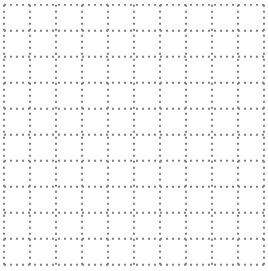
2) The rectangle below has the dimensions 4×5. Create a rectangle with the same perimeter, but a different area.



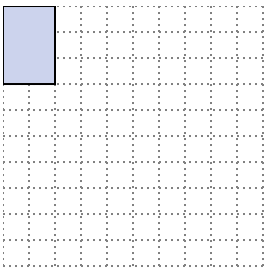


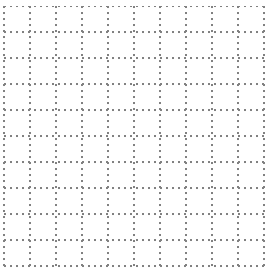
3) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.



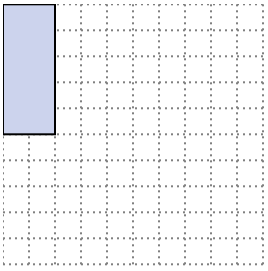


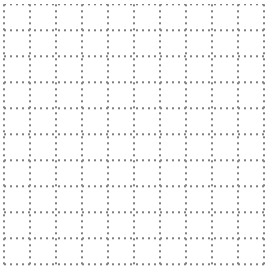
4) The rectangle below has the dimensions 2×3. Create a rectangle with the same perimeter, but a different area.





5) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.





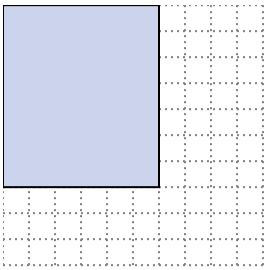
Answers

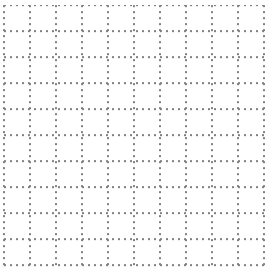
1. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Solve each problem.

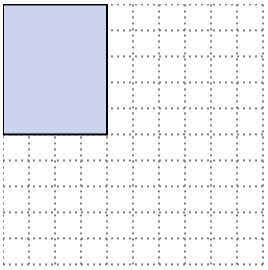
1) The rectangle below has the dimensions 6×7. Create a rectangle with the same perimeter, but a different area.

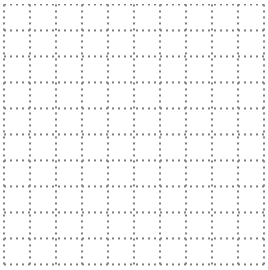




3x10
4x9

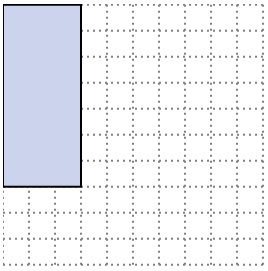
2) The rectangle below has the dimensions 4×5. Create a rectangle with the same perimeter, but a different area.

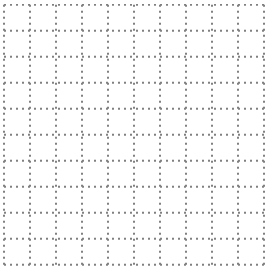




1x8
2x7

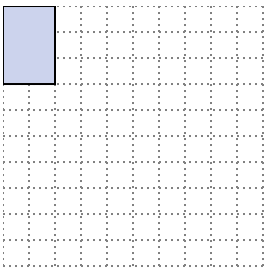
3) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.

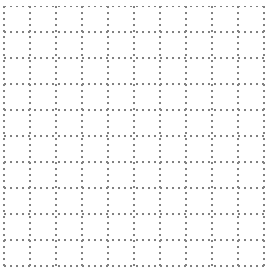




1x9

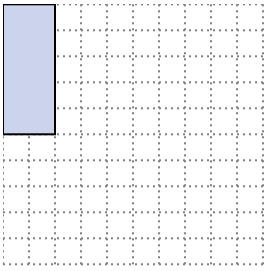
4) The rectangle below has the dimensions 2×3. Create a rectangle with the same perimeter, but a different area.

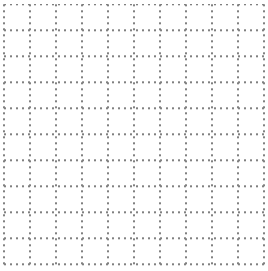




1x4

5) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.





1x6
3x4

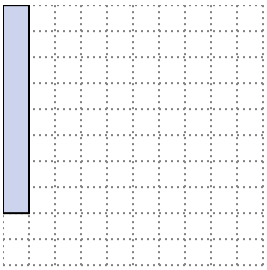
Answers

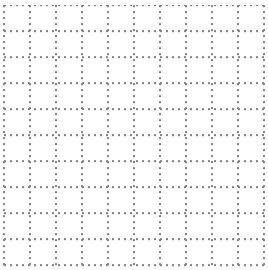
1. **3×10 : 4×9**
2. **1×8 : 2×7**
3. **1×9**
4. **1×4**
5. **1×6 : 3×4**

1-5	80	60	40	20	0

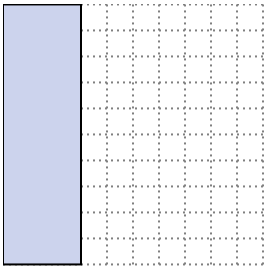
Solve each problem.

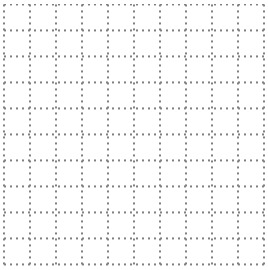
1) The rectangle below has the dimensions 1×8. Create a rectangle with the same perimeter, but a different area.



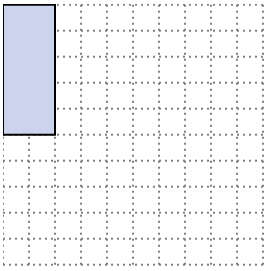


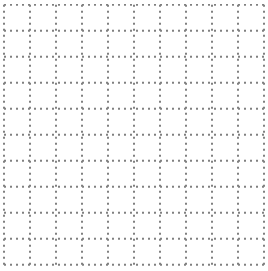
2) The rectangle below has the dimensions 3×10. Create a rectangle with the same perimeter, but a different area.



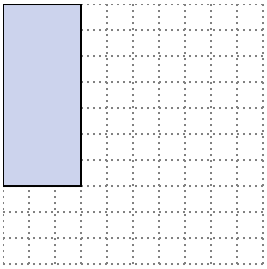


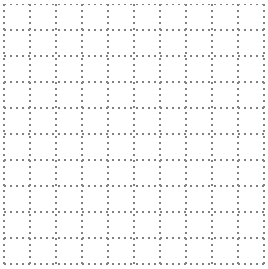
3) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.



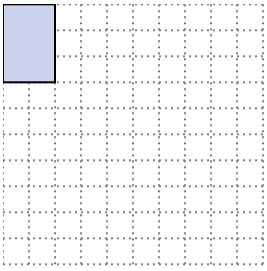


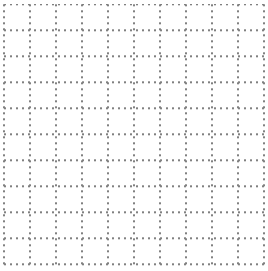
4) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.





5) The rectangle below has the dimensions 2×3. Create a rectangle with the same perimeter, but a different area.





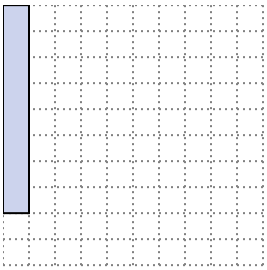
Answers

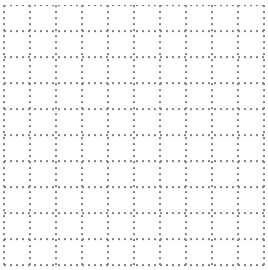
1. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Solve each problem.

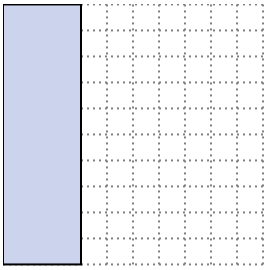
1) The rectangle below has the dimensions 1×8. Create a rectangle with the same perimeter, but a different area.

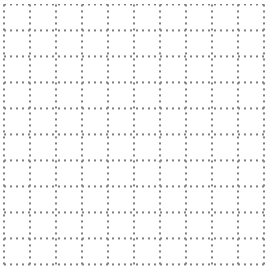




4x5
2x7

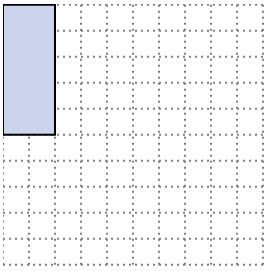
2) The rectangle below has the dimensions 3×10. Create a rectangle with the same perimeter, but a different area.

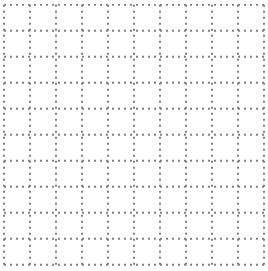




4x9
6x7

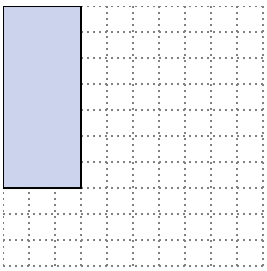
3) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.

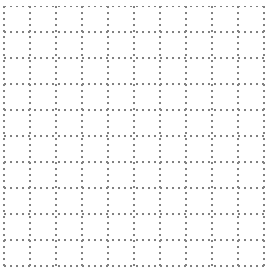




3x4
1x6

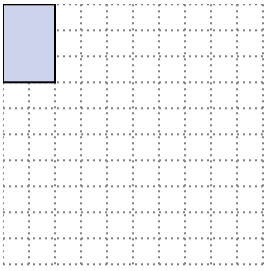
4) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.

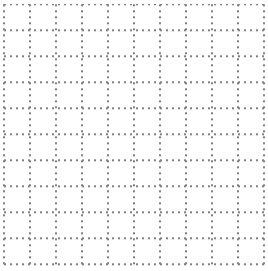




1x9

5) The rectangle below has the dimensions 2×3. Create a rectangle with the same perimeter, but a different area.





1x4

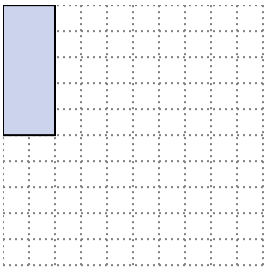
Answers

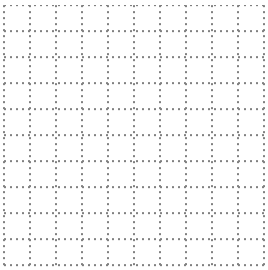
1. **4×5 : 2×7**
2. **4×9 : 6×7**
3. **3×4 : 1×6**
4. **1×9**
5. **1×4**

1-5	80	60	40	20	0

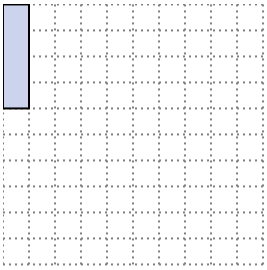
Solve each problem.

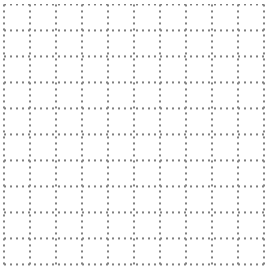
1) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.



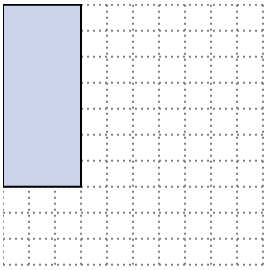


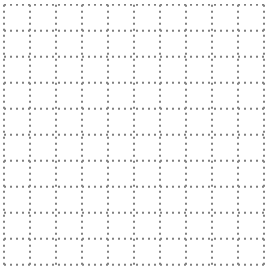
2) The rectangle below has the dimensions 1×4. Create a rectangle with the same perimeter, but a different area.



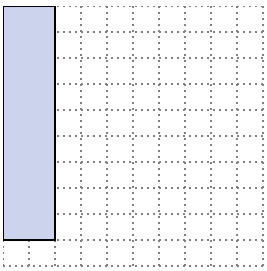


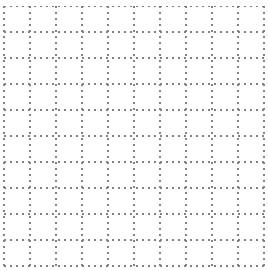
3) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.



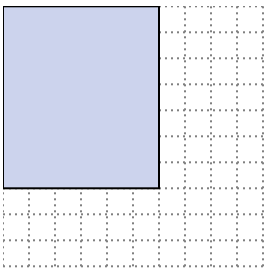


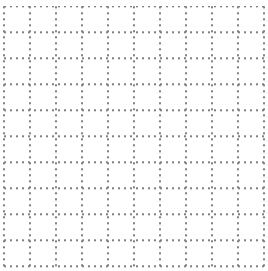
4) The rectangle below has the dimensions 2×9. Create a rectangle with the same perimeter, but a different area.





5) The rectangle below has the dimensions 6×7. Create a rectangle with the same perimeter, but a different area.





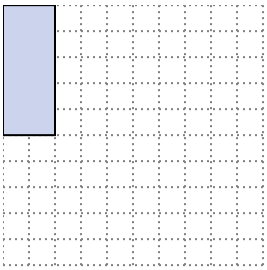
Answers

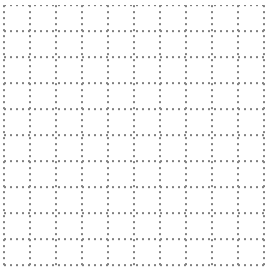
1. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Solve each problem.

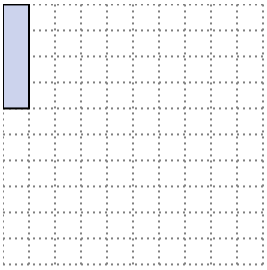
1) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.

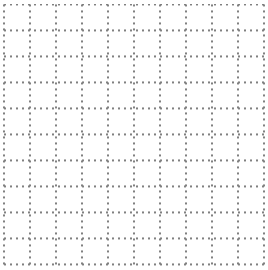




1x6
3x4

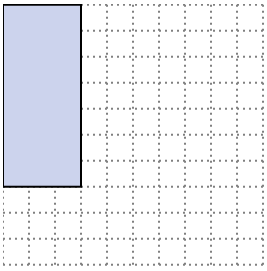
2) The rectangle below has the dimensions 1×4. Create a rectangle with the same perimeter, but a different area.

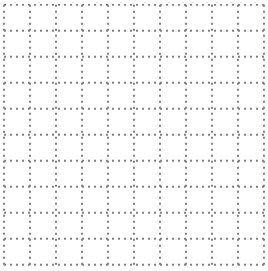




2x3

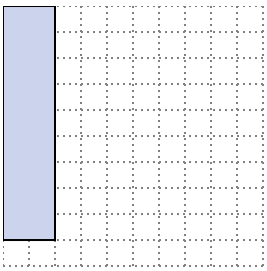
3) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.

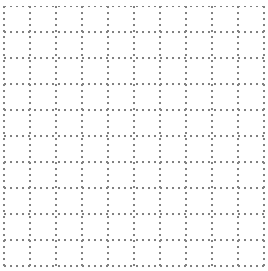




1x9

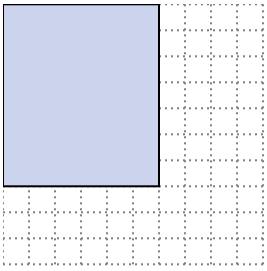
4) The rectangle below has the dimensions 2×9. Create a rectangle with the same perimeter, but a different area.

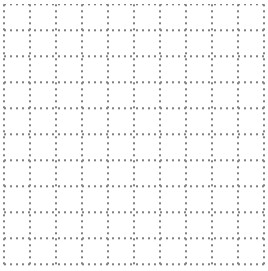




5x6
1x10

5) The rectangle below has the dimensions 6×7. Create a rectangle with the same perimeter, but a different area.





3x10
4x9

Answers

1. **1×6 : 3×4**
2. **2×3**
3. **1×9**
4. **5×6 : 1×10**
5. **3×10 : 4×9**

1-5	80	60	40	20	0

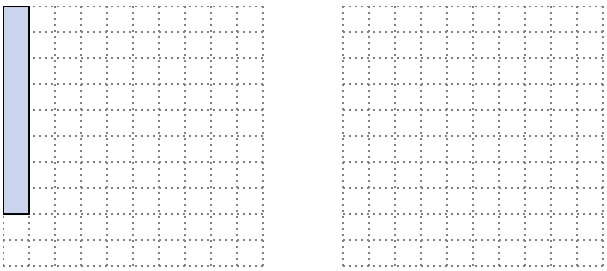
Solve each problem.

1) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.

2) The rectangle below has the dimensions 1×4. Create a rectangle with the same perimeter, but a different area.

3) The rectangle below has the dimensions 2×9. Create a rectangle with the same perimeter, but a different area.

4) The rectangle below has the dimensions 1×8. Create a rectangle with the same perimeter, but a different area.



5) The rectangle below has the dimensions 3×10. Create a rectangle with the same perimeter, but a different area.

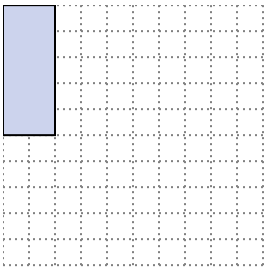
Answers

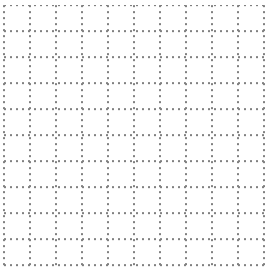
1. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Solve each problem.

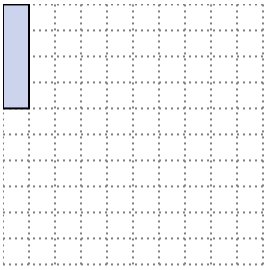
1) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.

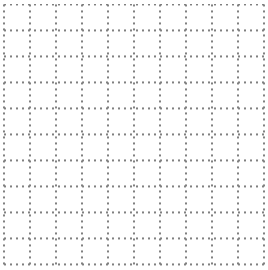




1x6
3x4

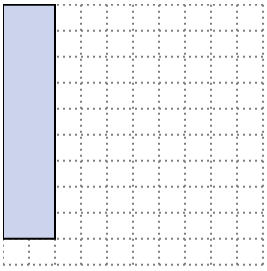
2) The rectangle below has the dimensions 1×4. Create a rectangle with the same perimeter, but a different area.

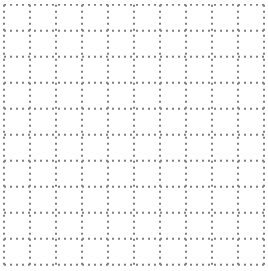




2x3

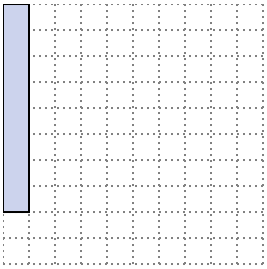
3) The rectangle below has the dimensions 2×9. Create a rectangle with the same perimeter, but a different area.

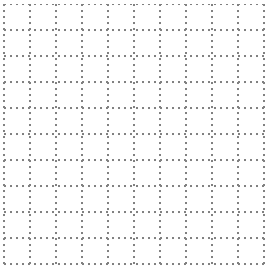




5x6
1x10

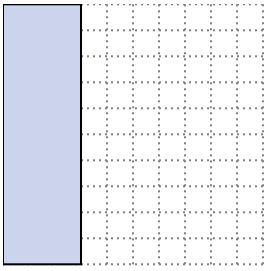
4) The rectangle below has the dimensions 1×8. Create a rectangle with the same perimeter, but a different area.

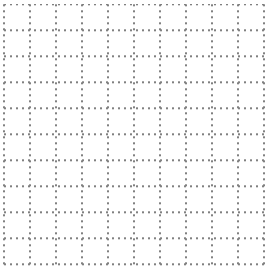




2x7
4x5

5) The rectangle below has the dimensions 3×10. Create a rectangle with the same perimeter, but a different area.





4x9
6x7

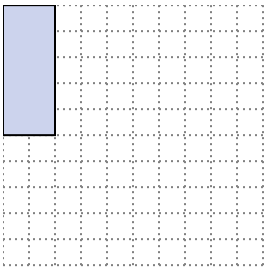
Answers

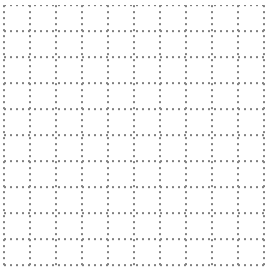
1. **1×6 : 3×4**
2. **2×3**
3. **5×6 : 1×10**
4. **2×7 : 4×5**
5. **4×9 : 6×7**

1-5	80	60	40	20	0

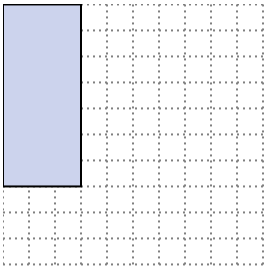
Solve each problem.

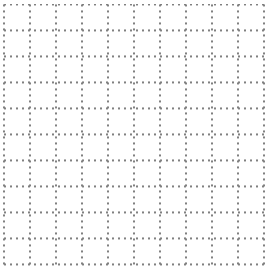
1) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.



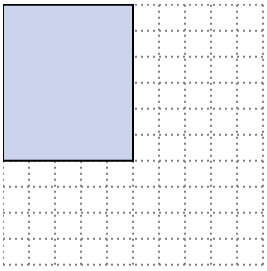


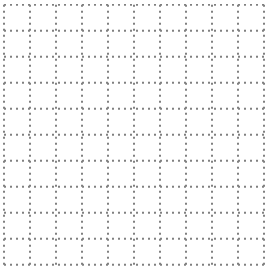
2) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.



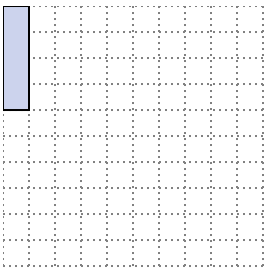


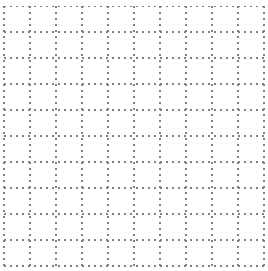
3) The rectangle below has the dimensions 5×6. Create a rectangle with the same perimeter, but a different area.



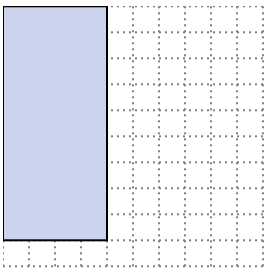


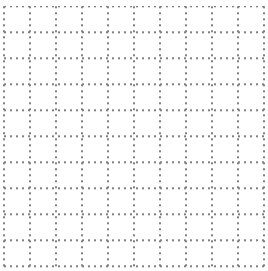
4) The rectangle below has the dimensions 1×4. Create a rectangle with the same perimeter, but a different area.





5) The rectangle below has the dimensions 4×9. Create a rectangle with the same perimeter, but a different area.





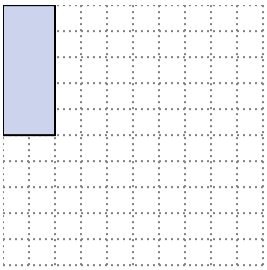
Answers

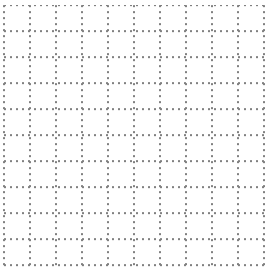
1. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Solve each problem.

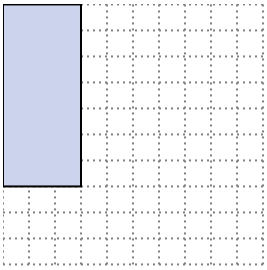
1) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.

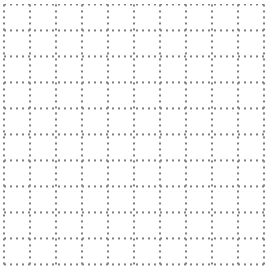




3x4
1x6

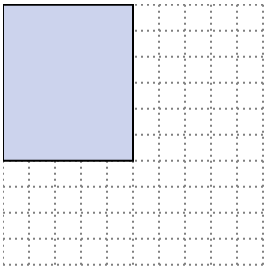
2) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.

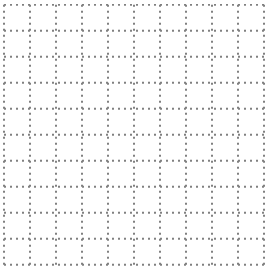




1x9

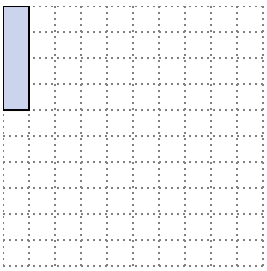
3) The rectangle below has the dimensions 5×6. Create a rectangle with the same perimeter, but a different area.

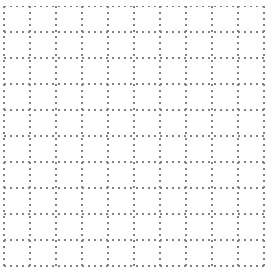




2x9
1x10

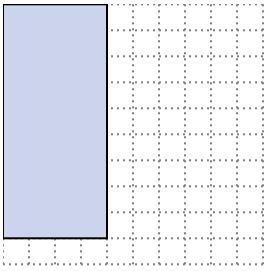
4) The rectangle below has the dimensions 1×4. Create a rectangle with the same perimeter, but a different area.

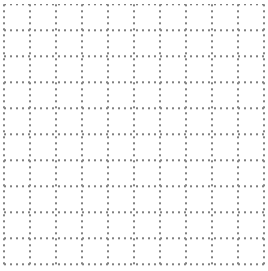




2x3

5) The rectangle below has the dimensions 4×9. Create a rectangle with the same perimeter, but a different area.





6x7
3x10

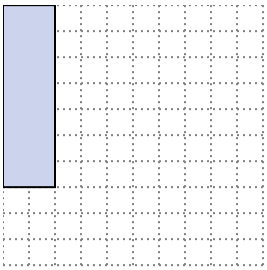
Answers

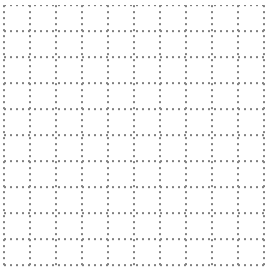
1. **3×4 : 1×6**
2. **1×9**
3. **2×9 : 1×10**
4. **2×3**
5. **6×7 : 3×10**

1-5	80	60	40	20	0

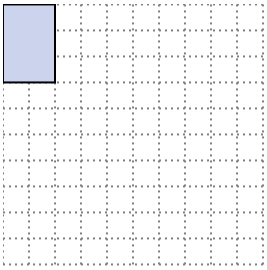
Solve each problem.

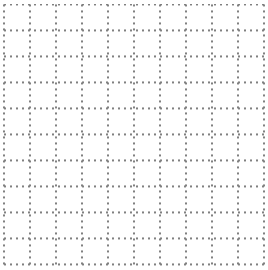
1) The rectangle below has the dimensions 2×7. Create a rectangle with the same perimeter, but a different area.



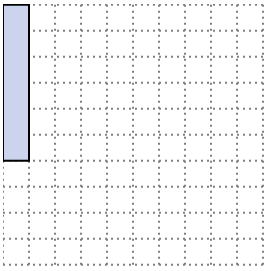


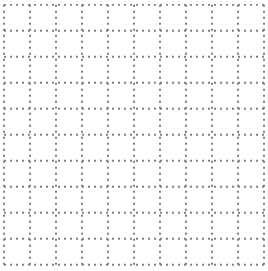
2) The rectangle below has the dimensions 2×3. Create a rectangle with the same perimeter, but a different area.



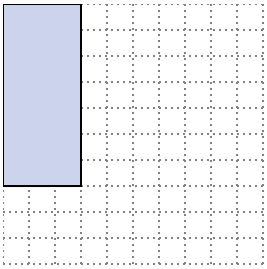


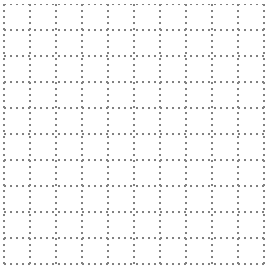
3) The rectangle below has the dimensions 1×6. Create a rectangle with the same perimeter, but a different area.



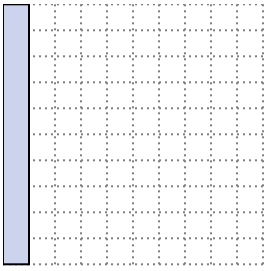


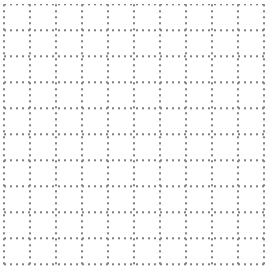
4) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.





5) The rectangle below has the dimensions 1×10. Create a rectangle with the same perimeter, but a different area.





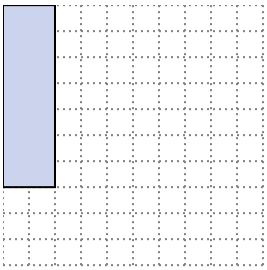
Answers

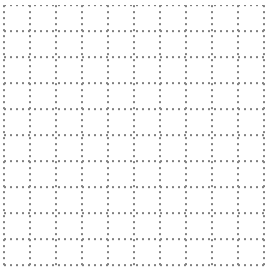
1. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Solve each problem.

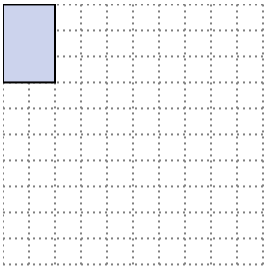
1) The rectangle below has the dimensions 2×7. Create a rectangle with the same perimeter, but a different area.

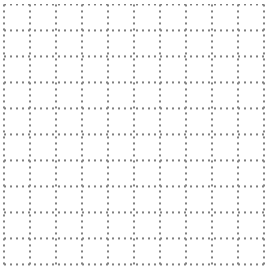




1x8
4x5

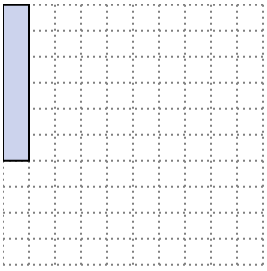
2) The rectangle below has the dimensions 2×3. Create a rectangle with the same perimeter, but a different area.

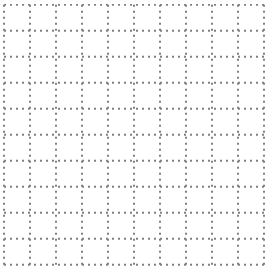




1x4

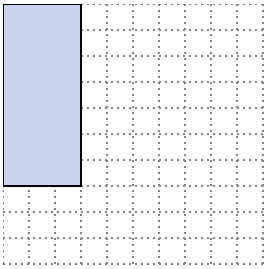
3) The rectangle below has the dimensions 1×6. Create a rectangle with the same perimeter, but a different area.

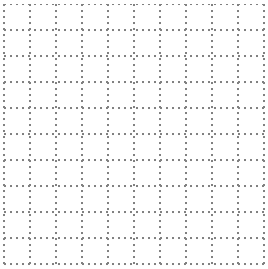




3x4
2x5

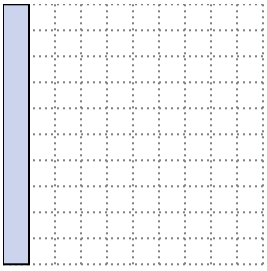
4) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.

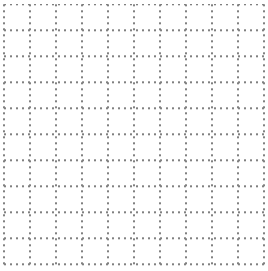




1x9

5) The rectangle below has the dimensions 1×10. Create a rectangle with the same perimeter, but a different area.





2x9
5x6

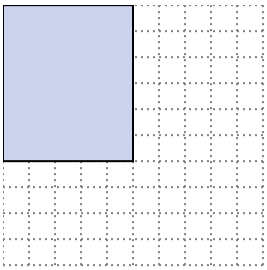
Answers

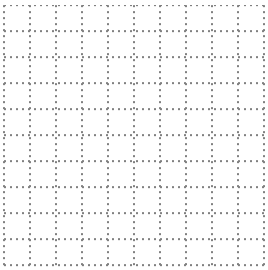
1. **1×8 : 4×5**
2. **1×4**
3. **3×4 : 2×5**
4. **1×9**
5. **2×9 : 5×6**

1-5	80	60	40	20	0

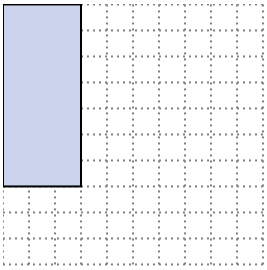
Solve each problem.

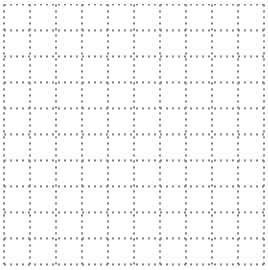
1) The rectangle below has the dimensions 5×6. Create a rectangle with the same perimeter, but a different area.



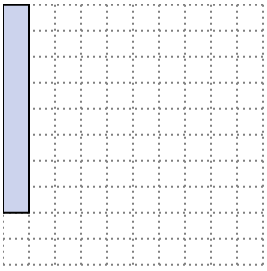


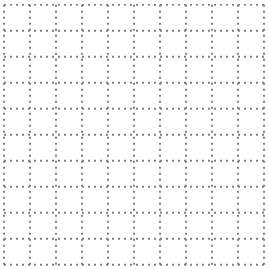
2) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.



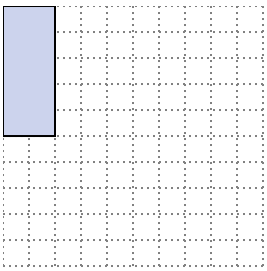


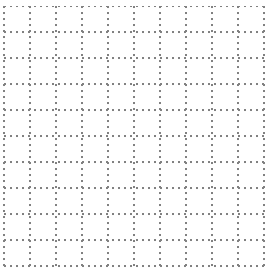
3) The rectangle below has the dimensions 1×8. Create a rectangle with the same perimeter, but a different area.



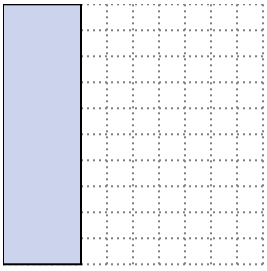


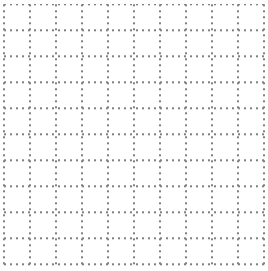
4) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.





5) The rectangle below has the dimensions 3×10. Create a rectangle with the same perimeter, but a different area.





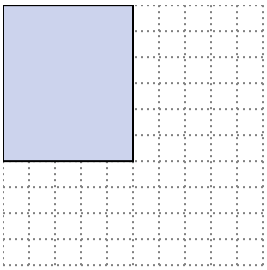
Answers

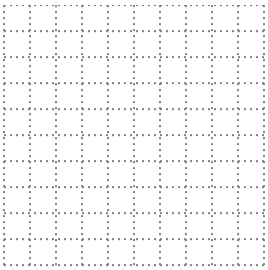
1. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Solve each problem.

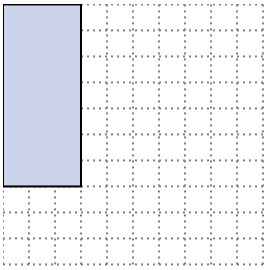
1) The rectangle below has the dimensions 5×6. Create a rectangle with the same perimeter, but a different area.

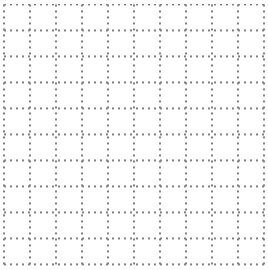




2x9
1x10

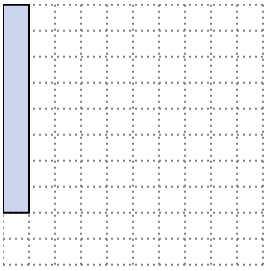
2) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.

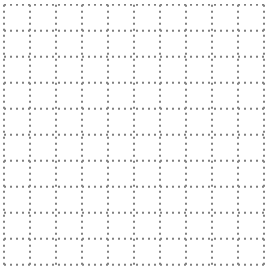




1x9

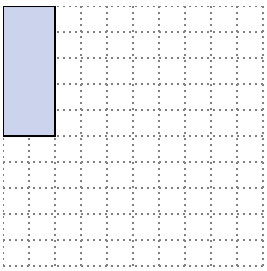
3) The rectangle below has the dimensions 1×8. Create a rectangle with the same perimeter, but a different area.

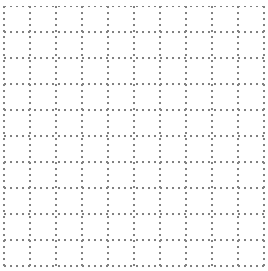




4x5
2x7

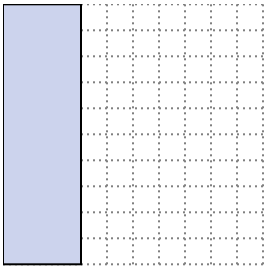
4) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.

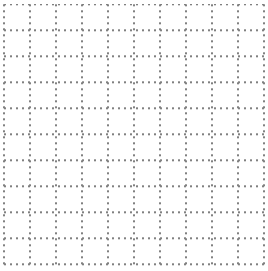




3x4
1x6

5) The rectangle below has the dimensions 3×10. Create a rectangle with the same perimeter, but a different area.





6x7
4x9

Answers

1. **2×9 : 1×10**
2. **1×9**
3. **4×5 : 2×7**
4. **3×4 : 1×6**
5. **6×7 : 4×9**

1-5	80	60	40	20	0

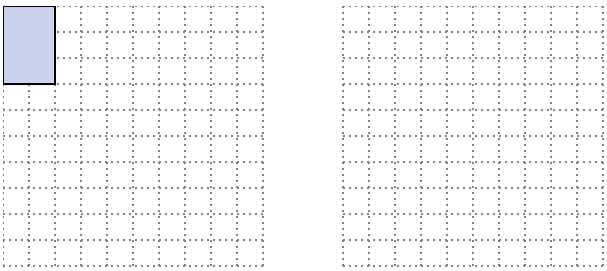
Solve each problem.

1) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.

2) The rectangle below has the dimensions 1×6. Create a rectangle with the same perimeter, but a different area.

3) The rectangle below has the dimensions 6×7. Create a rectangle with the same perimeter, but a different area.

4) The rectangle below has the dimensions 2×3. Create a rectangle with the same perimeter, but a different area.



5) The rectangle below has the dimensions 1×8. Create a rectangle with the same perimeter, but a different area.

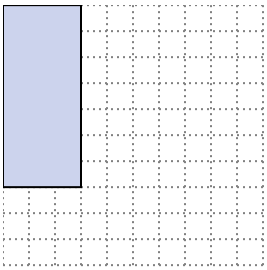
Answers

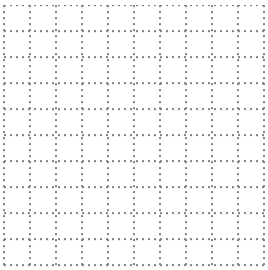
1. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Solve each problem.

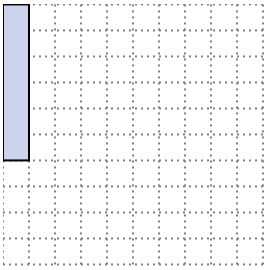
1) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.

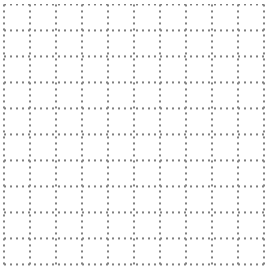




1x9

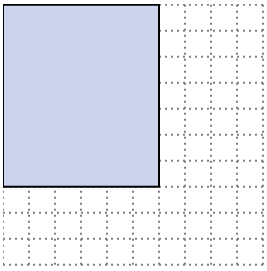
2) The rectangle below has the dimensions 1×6. Create a rectangle with the same perimeter, but a different area.

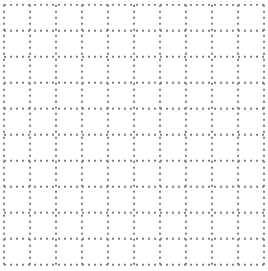




3x4
2x5

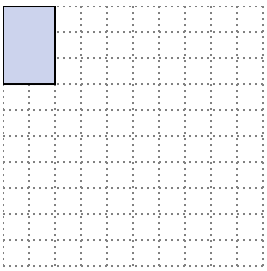
3) The rectangle below has the dimensions 6×7. Create a rectangle with the same perimeter, but a different area.

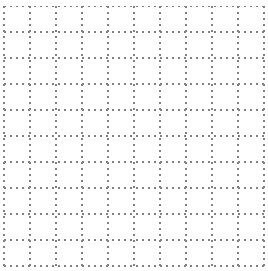




4x9
3x10

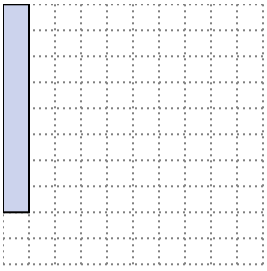
4) The rectangle below has the dimensions 2×3. Create a rectangle with the same perimeter, but a different area.

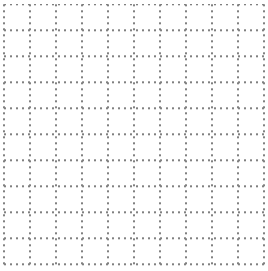




1x4

5) The rectangle below has the dimensions 1×8. Create a rectangle with the same perimeter, but a different area.





4x5
2x7

Answers

1. 1×9
2. 3×4 : 2×5
3. 4×9 : 3×10
4. 1×4
5. 4×5 : 2×7

1-5	80	60	40	20	0