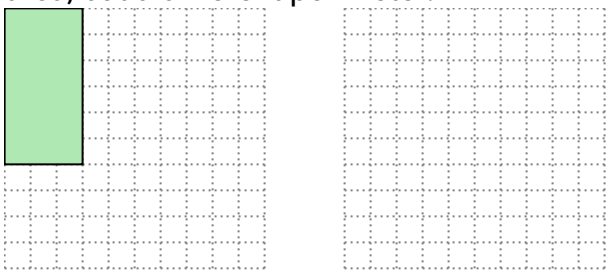
Rectangles - Same Area & Different Perimeter

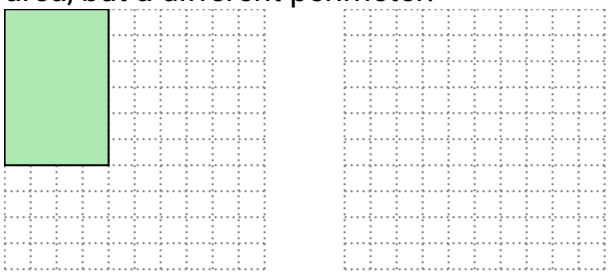
Name:

Solve each problem.

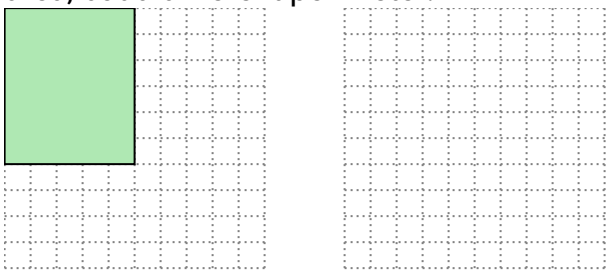
1) The rectangle below has the dimensions 3×6. Create a rectangle with the same area, but a different perimeter.



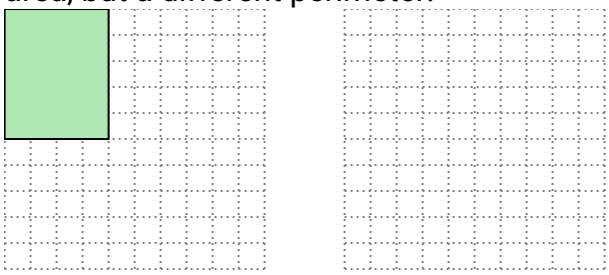
2) The rectangle below has the dimensions 4×6. Create a rectangle with the same area, but a different perimeter.



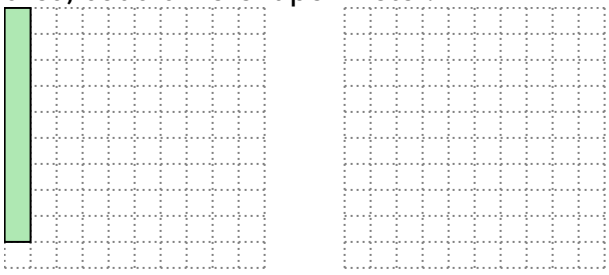
3) The rectangle below has the dimensions 5×6. Create a rectangle with the same area, but a different perimeter.



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



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



Answers

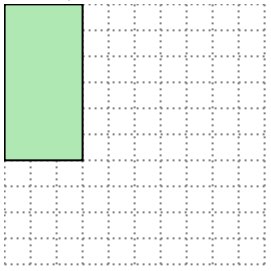
1. _____
2. _____
3. _____
4. _____
5. _____

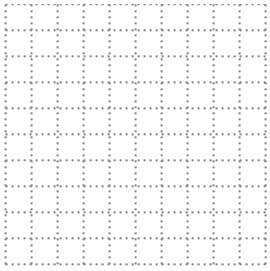
1-5	80	60	40	20	0

Rectangles - Same Area & Different Perimeter Name: **Answer Key**

Solve each problem.

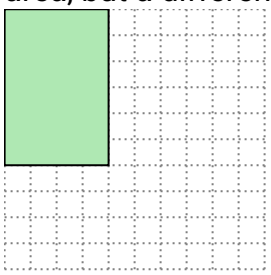
1) The rectangle below has the dimensions 3×6. Create a rectangle with the same area, but a different perimeter.

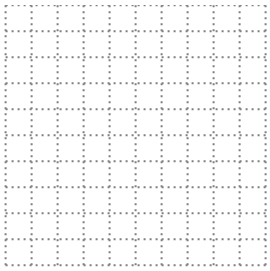




2×9

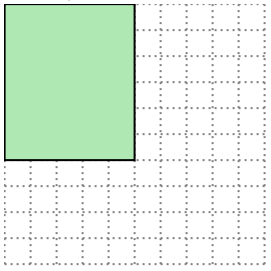
2) The rectangle below has the dimensions 4×6. Create a rectangle with the same area, but a different perimeter.

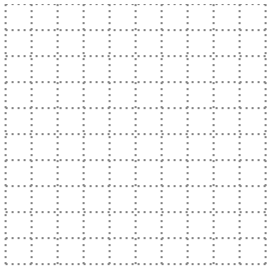




3×8

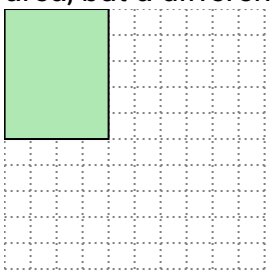
3) The rectangle below has the dimensions 5×6. Create a rectangle with the same area, but a different perimeter.

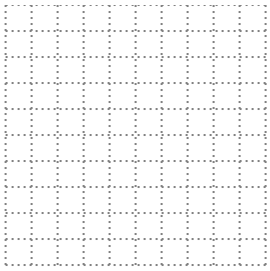




3×10

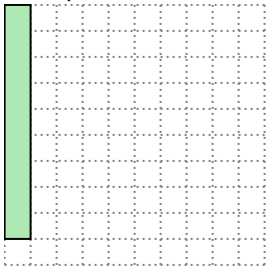
4) The rectangle below has the dimensions 4×5. Create a rectangle with the same area, but a different perimeter.

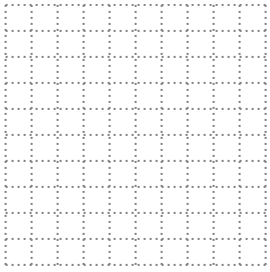




2×10

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





3×3

Answers

1. 2×9
2. 3×8
3. 3×10
4. 2×10
5. 3×3