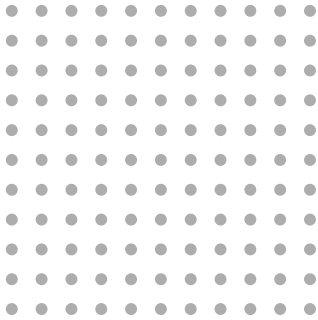


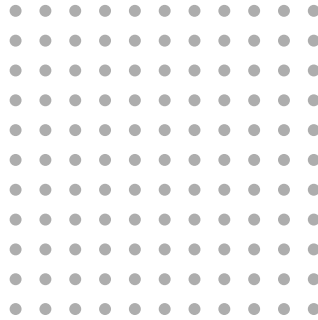


Use the diagrams below to create a rectangle with the area/perimeter shown. Each SVGREPLACE = 1 unit(u). Answer with the length and height. Answers will vary.

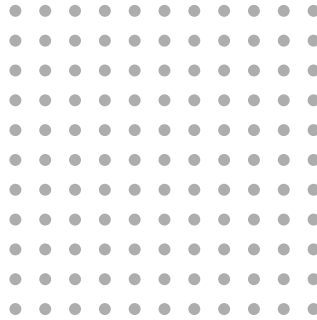
1) Area of 54 square units.



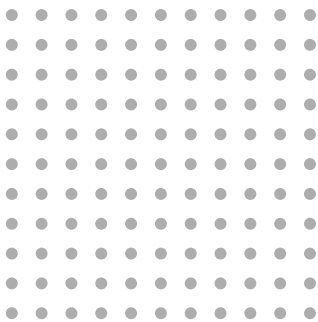
2) Perimeter of 30 units.



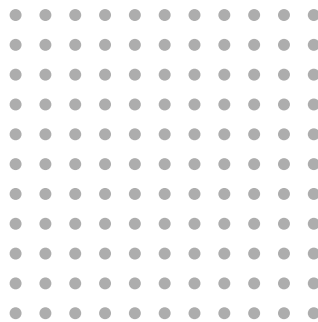
3) Area of 45 square units.



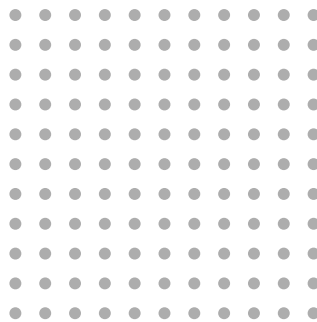
4) Area of 81 square units.



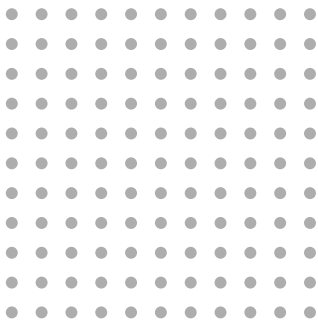
5) Area of 16 square units.



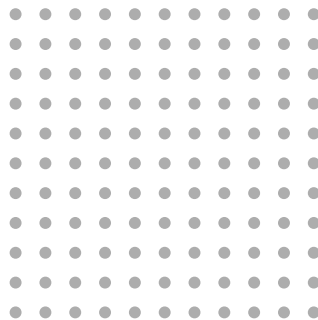
6) Perimeter of 6 units.



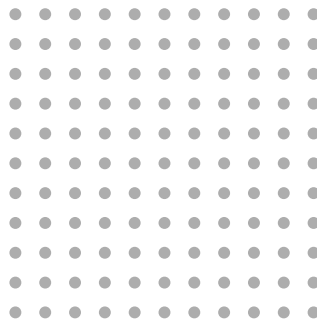
7) Perimeter of 4 units.



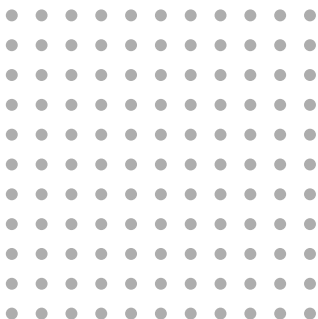
8) Area of 24 square units.



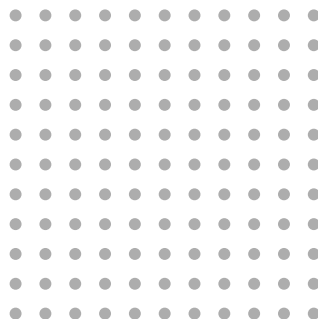
9) Perimeter of 22 units.



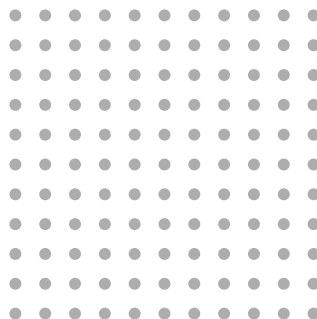
10) Perimeter of 28 units.



11) Perimeter of 8 units.



12) Area of 63 square units.

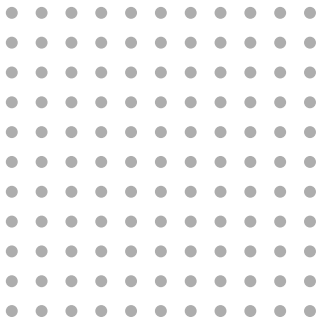
**Answers**

1. _____ $=54u^2$
2. _____ $=30u$
3. _____ $=45u^2$
4. _____ $=81u^2$
5. _____ $=16u^2$
6. _____ $=6u$
7. _____ $=4u$
8. _____ $=24u^2$
9. _____ $=22u$
10. _____ $=28u$
11. _____ $=8u$
12. _____ $=63u^2$

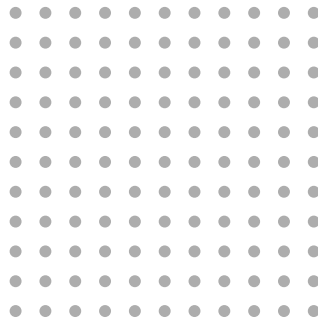


Use the diagrams below to create a rectangle with the area/perimeter shown. Each SVGREPLACE = 1 unit(u). Answer with the length and height. Answers will vary.

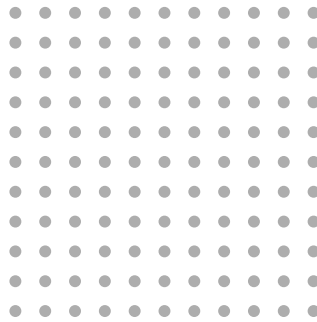
1) Area of 54 square units.



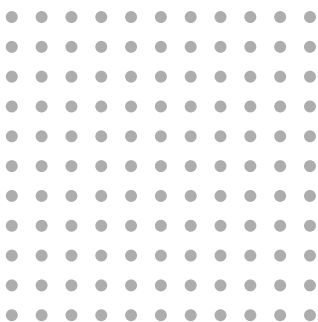
2) Perimeter of 30 units.



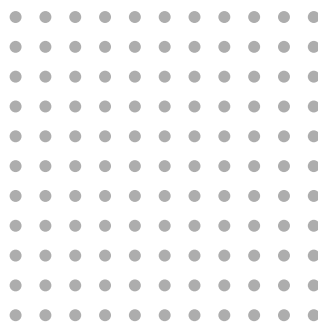
3) Area of 45 square units.



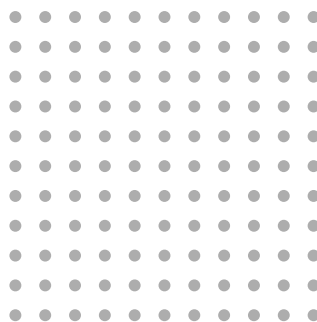
4) Area of 81 square units.



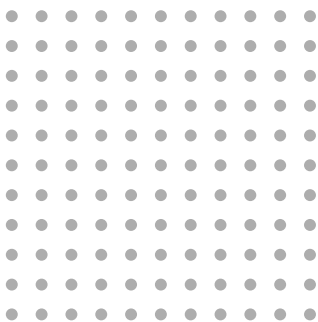
5) Area of 16 square units.



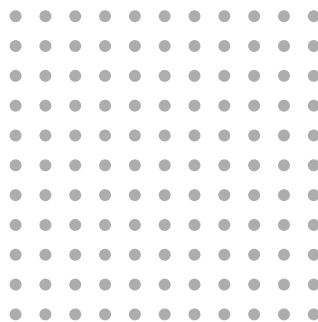
6) Perimeter of 6 units.



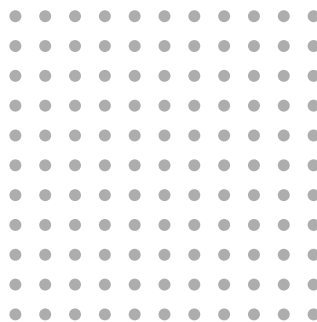
7) Perimeter of 4 units.



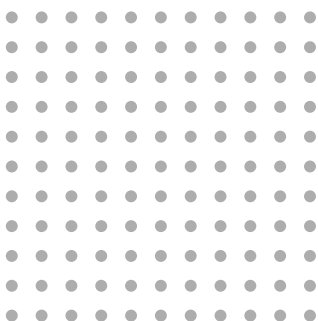
8) Area of 24 square units.



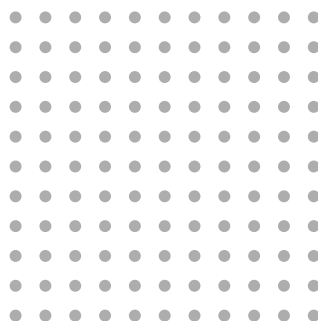
9) Perimeter of 22 units.



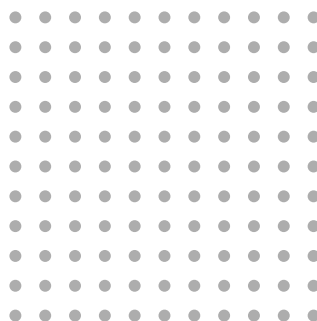
10) Perimeter of 28 units.



11) Perimeter of 8 units.



12) Area of 63 square units.

**Answers**

1. $=54u^2$

2. $=30u$

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4. $=81u^2$

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7. $=4u$

8. $=24u^2$

9. $=22u$

10. $=28u$

11. $=8u$

12. $=63u^2$