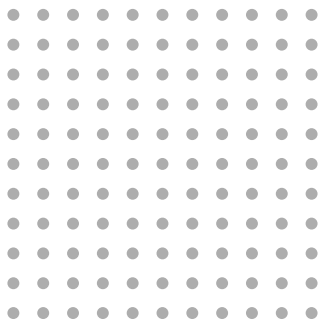
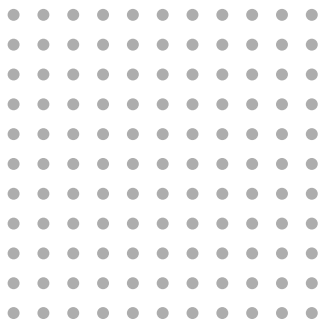


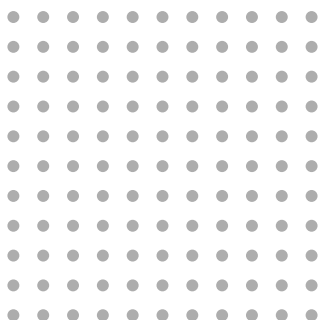
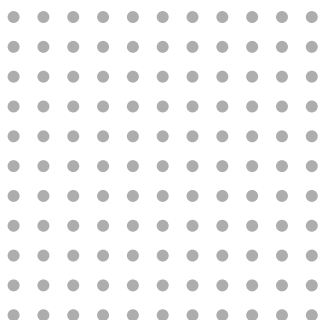
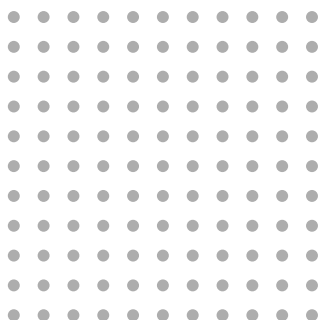


Use the diagrams below to create a rectangle with the area/perimeter shown. Each SVGREPLACE = 1 unit(u). Answer with the length and height. Answers will vary.

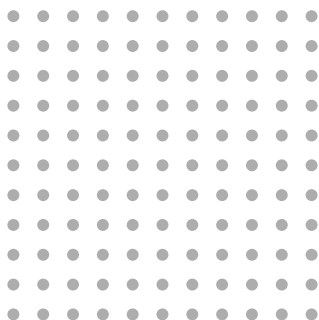
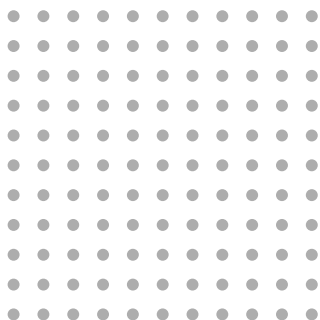
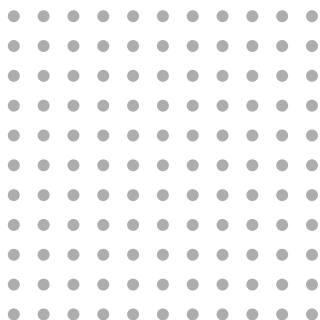
- 1) Area of 30 square units.    2) Area of 54 square units.    3) Perimeter of 24 units.



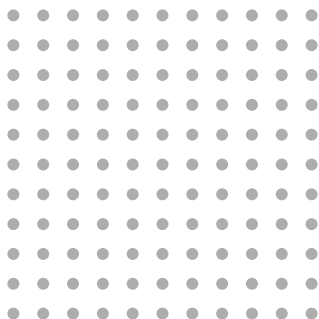
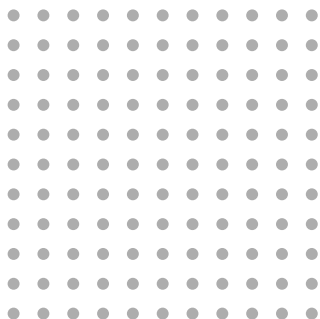
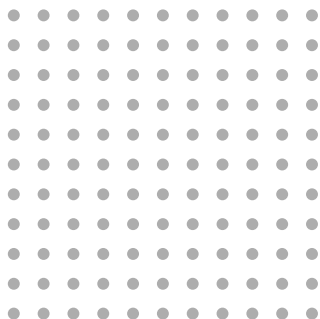
- 4) Area of 3 square units.    5) Area of 21 square units.    6) Perimeter of 18 units.



- 7) Area of 45 square units.    8) Perimeter of 8 units.    9) Area of 10 square units.



- 10) Perimeter of 6 units.    11) Perimeter of 16 units.    12) Area of 9 square units.

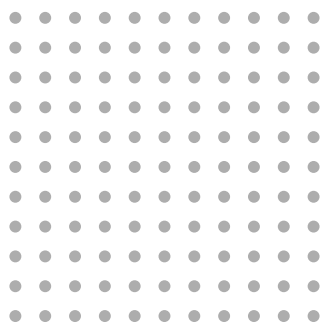
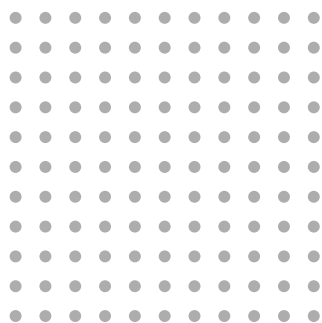
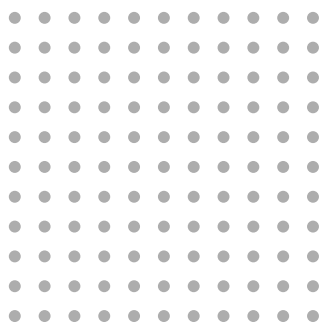
**Answers**

1. \_\_\_\_\_  $=30u^2$   
2. \_\_\_\_\_  $=54u^2$   
3. \_\_\_\_\_  $=24u$   
4. \_\_\_\_\_  $=3u^2$   
5. \_\_\_\_\_  $=21u^2$   
6. \_\_\_\_\_  $=18u$   
7. \_\_\_\_\_  $=45u^2$   
8. \_\_\_\_\_  $=8u$   
9. \_\_\_\_\_  $=10u^2$   
10. \_\_\_\_\_  $=6u$   
11. \_\_\_\_\_  $=16u$   
12. \_\_\_\_\_  $=9u^2$

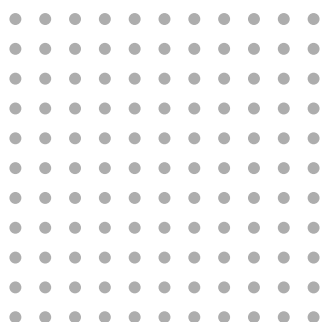
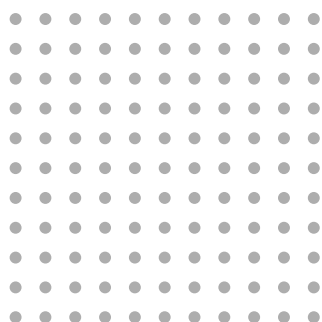
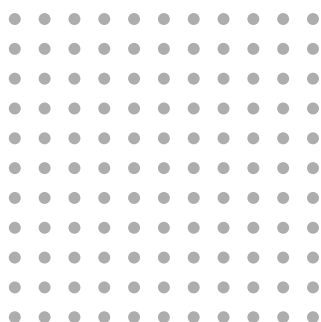


Use the diagrams below to create a rectangle with the area/perimeter shown. Each SVGREPLACE = 1 unit(u). Answer with the length and height. Answers will vary.

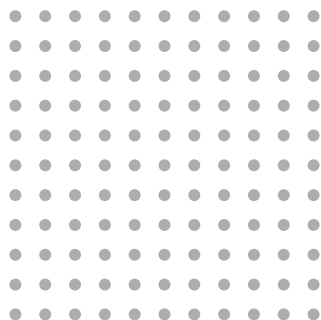
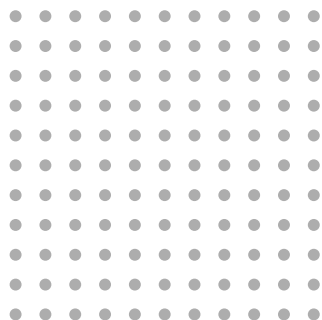
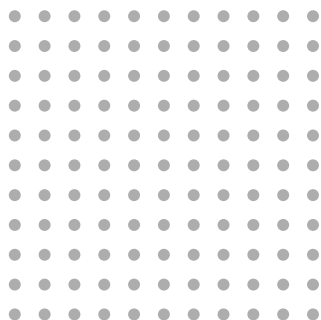
- 1) Area of 30 square units.    2) Area of 54 square units.    3) Perimeter of 24 units.



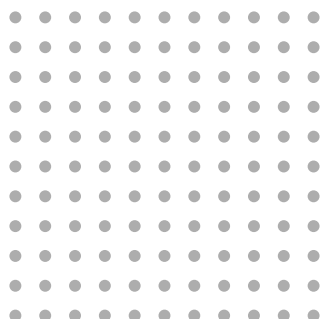
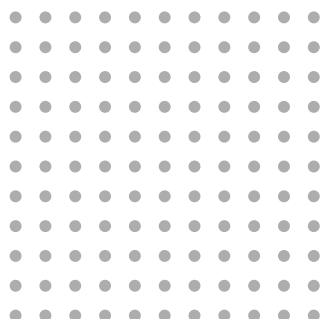
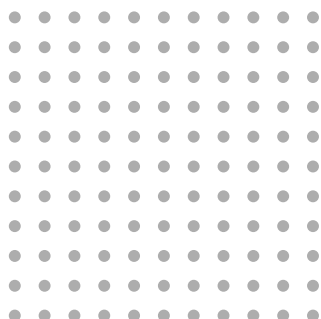
- 4) Area of 3 square units.    5) Area of 21 square units.    6) Perimeter of 18 units.



- 7) Area of 45 square units.    8) Perimeter of 8 units.    9) Area of 10 square units.



- 10) Perimeter of 6 units.    11) Perimeter of 16 units.    12) Area of 9 square units.

**Answers**

1.                                 $=30u^2$
2.                                 $=54u^2$
3.                                 $=24u$
4.                                 $=3u^2$
5.                                 $=21u^2$
6.                                 $=18u$
7.                                 $=45u^2$
8.                                 $=8u$
9.                                 $=10u^2$
10.                                 $=6u$
11.                                 $=16u$
12.                                 $=9u^2$