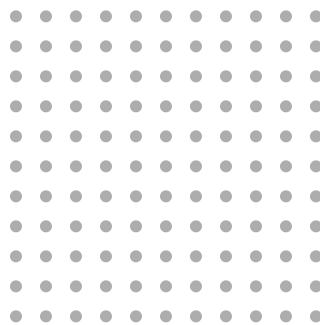


## Creating Area and Perimeter Rectangles

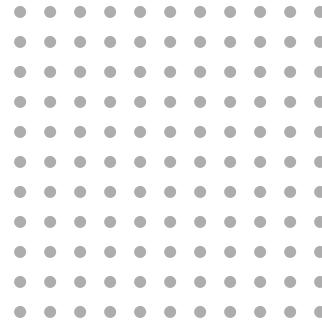
Name: \_\_\_\_\_

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

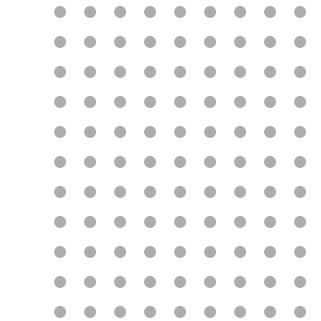
- 1) Area of 48 square units.



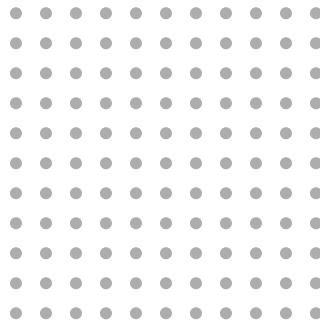
- 2) Perimeter of 36 units.



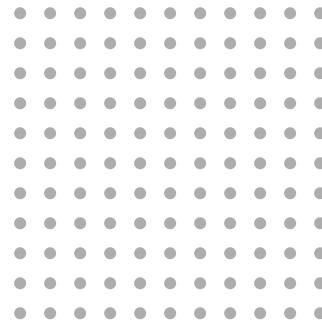
- 3) Perimeter of 28 units.



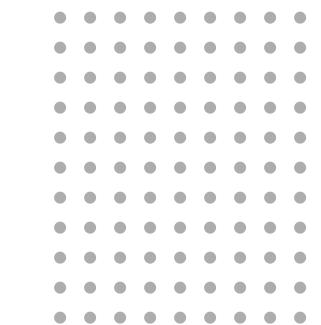
- 4) Perimeter of 40 units.



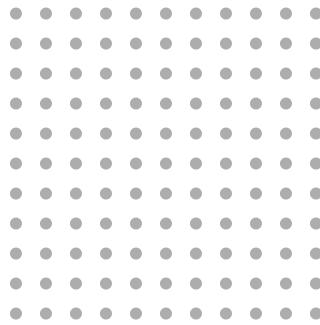
- 5) Perimeter of 8 units.



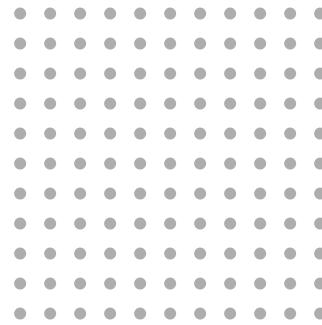
- 6) Area of 42 square units.



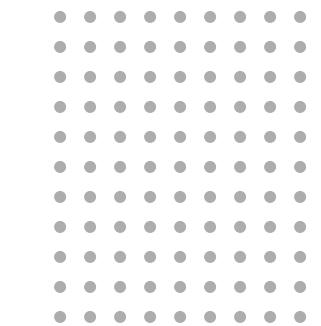
- 7) Perimeter of 14 units.



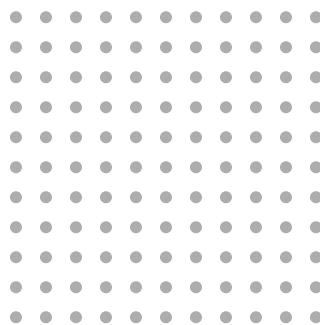
- 8) Perimeter of 6 units.



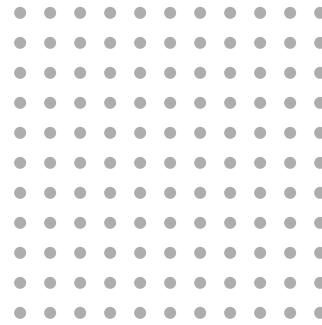
- 9) Area of 30 square units.



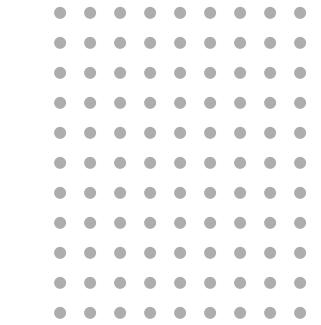
- 10) Area of 24 square units.



- 11) Perimeter of 34 units.



- 12) Area of 4 square units.

Answers

1. \_\_\_\_\_  $=48u^2$

2. \_\_\_\_\_  $=36u$

3. \_\_\_\_\_  $=28u$

4. \_\_\_\_\_  $=40u$

5. \_\_\_\_\_  $=8u$

6. \_\_\_\_\_  $=42u^2$

7. \_\_\_\_\_  $=14u$

8. \_\_\_\_\_  $=6u$

9. \_\_\_\_\_  $=30u^2$

10. \_\_\_\_\_  $=24u^2$

11. \_\_\_\_\_  $=34u$

12. \_\_\_\_\_  $=4u^2$



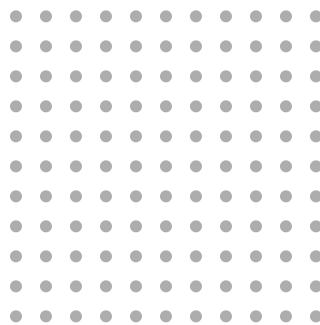
## Creating Area and Perimeter Rectangles

Name: \_\_\_\_\_

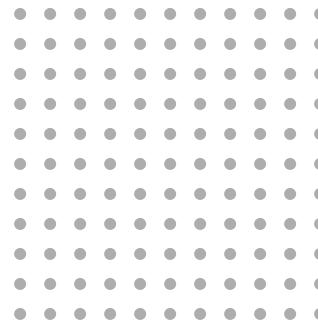
**Answer Key**

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

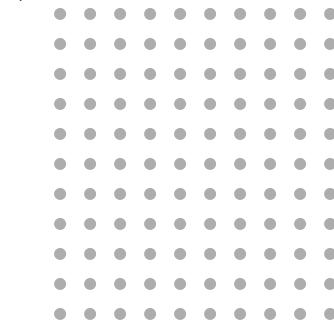
- 1) Area of 48 square units.



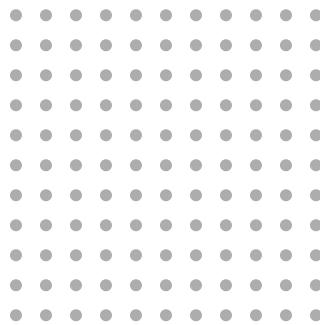
- 2) Perimeter of 36 units.



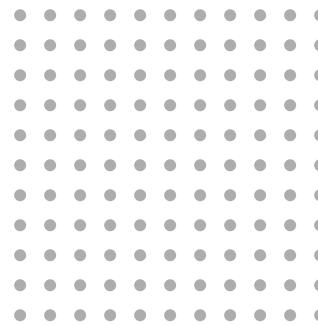
- 3) Perimeter of 28 units.



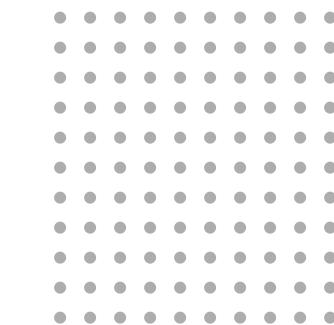
- 4) Perimeter of 40 units.



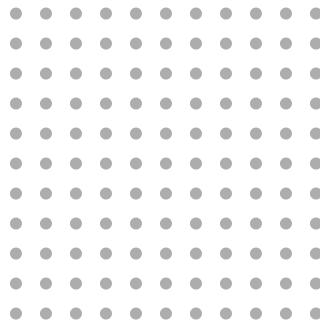
- 5) Perimeter of 8 units.



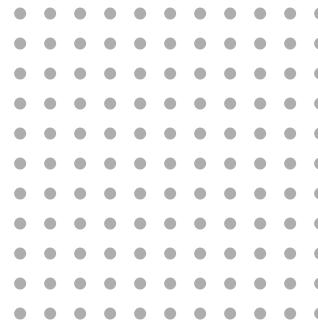
- 6) Area of 42 square units.



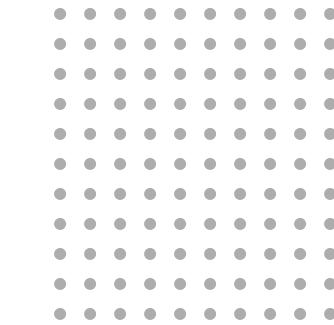
- 7) Perimeter of 14 units.



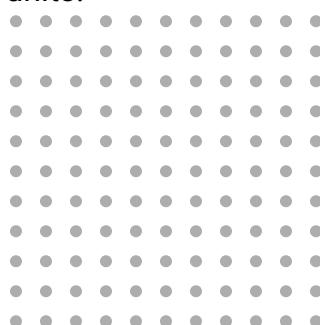
- 8) Perimeter of 6 units.



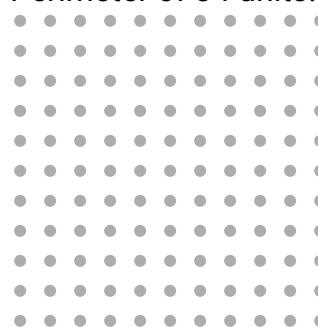
- 9) Area of 30 square units.



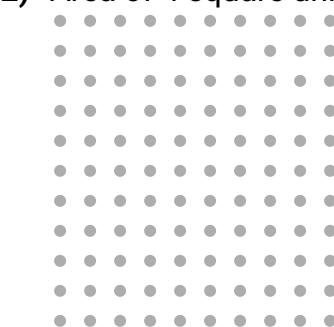
- 10) Area of 24 square units.



- 11) Perimeter of 34 units.



- 12) Area of 4 square units.

**Answers**

1. \_\_\_\_\_  $=48u^2$

2. \_\_\_\_\_  $=36u$

3. \_\_\_\_\_  $=28u$

4. \_\_\_\_\_  $=40u$

5. \_\_\_\_\_  $=8u$

6. \_\_\_\_\_  $=42u^2$

7. \_\_\_\_\_  $=14u$

8. \_\_\_\_\_  $=6u$

9. \_\_\_\_\_  $=30u^2$

10. \_\_\_\_\_  $=24u^2$

11. \_\_\_\_\_  $=34u$

12. \_\_\_\_\_  $=4u^2$