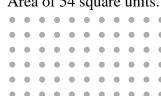
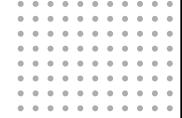
Use the diagrams below to create a rectangle with the area/perimeter shown. Each **SVGREPLACE** = 1 unit(u). Answer with the length and height. Answers will vary.

Area of 30 square units. 2) Area of 54 square units.



3) Perimeter of 24 units.



Answers

$$=54u^2$$

4. ___ =
$$3u^2$$

$$= 21u^2$$

7. ___ =
$$45u^2$$

9. ___ =
$$10u^2$$

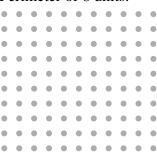
12. ___ =
$$9u^2$$

Area of 45 square units.

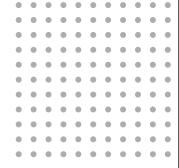
5) Area of 21 square units.



8) Perimeter of 8 units.



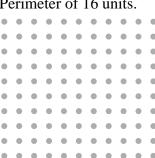
Area of 10 square units.



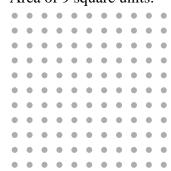
Perimeter of 6 units.



Perimeter of 16 units.



Area of 9 square units.





Creating Area and Perimeter Rectangles

Name:

Answer Key

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.

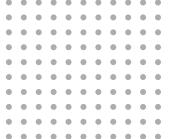
Answers

- 1) Area of 30 square units.
- 2) Area of 54 square units.
- 3) Perimeter of 24 units.
- $=30u^2$

- $=3u^2$

- **4)** Area of 3 square units.
- 5) Area of 21 square units.
- 6) Perimeter of 18 units.
- 7. ___ = $45u^2$

=18u



- =10u²

• • • • • • • • •

Area of 45 square units.

- 8) Perimeter of 8 units.
- **9**) Area of 10 square units.
- 1. ___ =**16u**

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