Rectangles - Same Perimeter & Different Area

Name:

Solve each problem.

1) The rectangle below has the dimensions 2×9. Create a rectangle with the same perimeter, but a different area.

2) The rectangle below has the dimensions 1×8. Create a rectangle with the same perimeter, but a different area.

3) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.

4) The rectangle below has the dimensions 1×4. Create a rectangle with the same perimeter, but a different area.

5) The rectangle below has the dimensions 4×9. Create a rectangle with the same perimeter, but a different area.

Answers

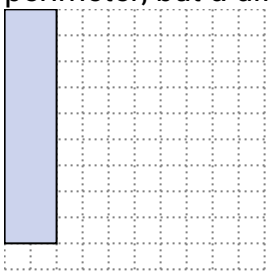
1. _____
2. _____
3. _____
4. _____
5. _____

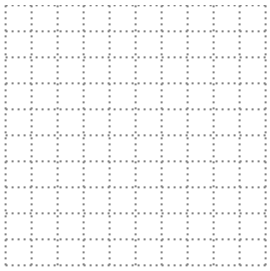
1-5	80	60	40	20	0

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

Solve each problem.

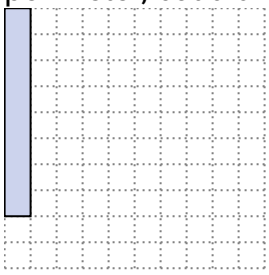
1) The rectangle below has the dimensions 2×9. Create a rectangle with the same perimeter, but a different area.

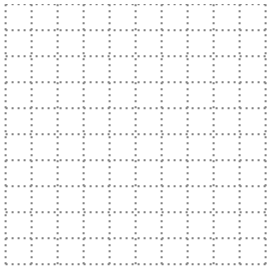




1x10
5x6

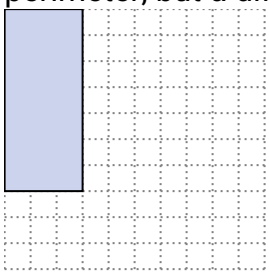
2) The rectangle below has the dimensions 1×8. Create a rectangle with the same perimeter, but a different area.

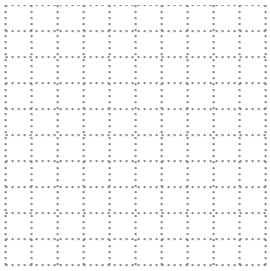




2x7
4x5

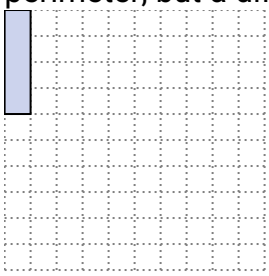
3) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.

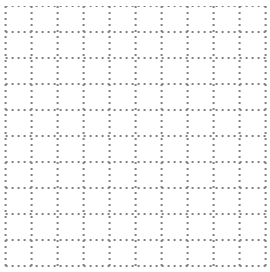




1x9

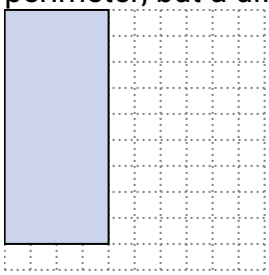
4) The rectangle below has the dimensions 1×4. Create a rectangle with the same perimeter, but a different area.

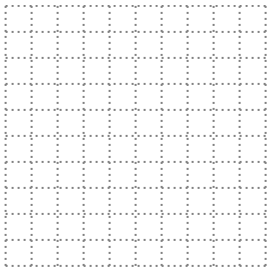




2x3

5) The rectangle below has the dimensions 4×9. Create a rectangle with the same perimeter, but a different area.





3x10
6x7

Answers

1. 1×10 : 5×6
2. 2×7 : 4×5
3. 1×9
4. 2×3
5. 3×10 : 6×7