Rectangles - Same Perimeter & Different Area

Name:

Solve each problem.

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

2) The rectangle below has the dimensions 3×4. Create a rectangle with the same perimeter, but a different area.

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

4) The rectangle below has the dimensions 1×10. Create a rectangle with the same perimeter, but a different area.

5) The rectangle below has the dimensions 2×3. Create a rectangle with the same perimeter, but a different area.

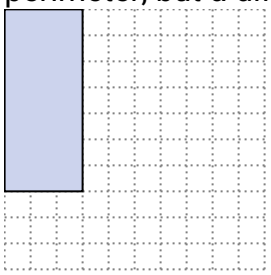
Answers

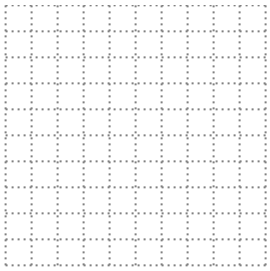
1. _____
2. _____
3. _____
4. _____
5. _____

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

Solve each problem.

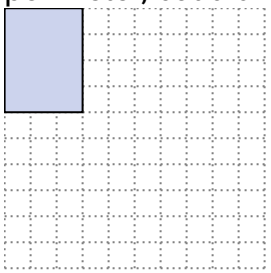
1) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.

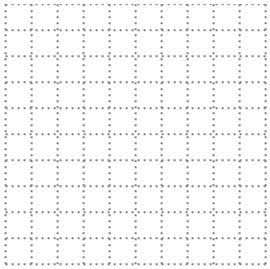




1x9

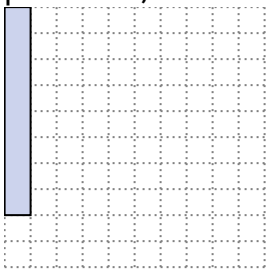
2) The rectangle below has the dimensions 3×4. Create a rectangle with the same perimeter, but a different area.

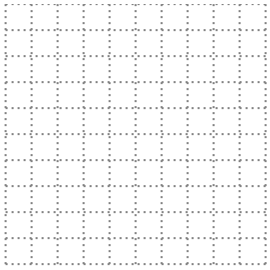




2x5
1x6

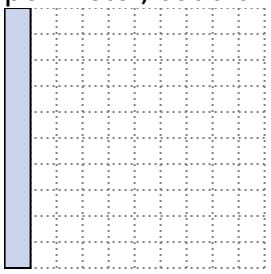
3) The rectangle below has the dimensions 1×8. Create a rectangle with the same perimeter, but a different area.

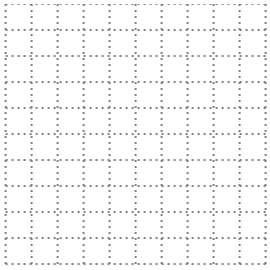




2x7
4x5

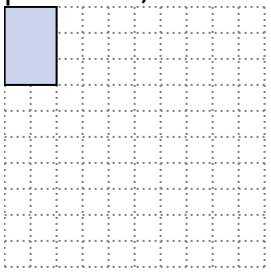
4) The rectangle below has the dimensions 1×10. Create a rectangle with the same perimeter, but a different area.

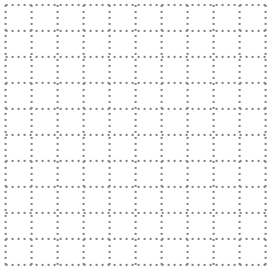




5x6
2x9

5) The rectangle below has the dimensions 2×3. Create a rectangle with the same perimeter, but a different area.





1x4

Answers

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