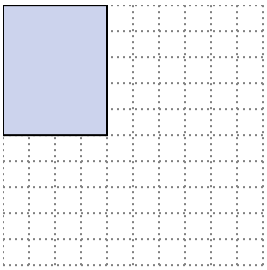
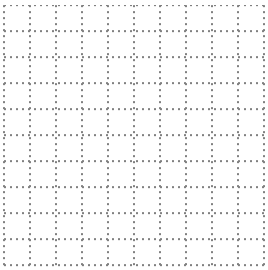
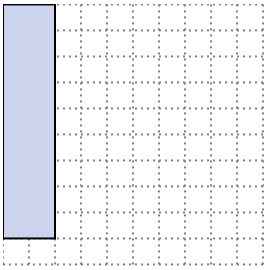
Solve each problem.

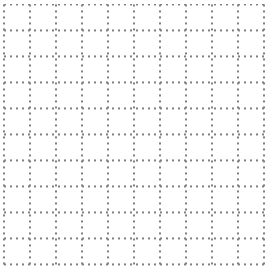
1) The rectangle below has the dimensions 4×5. Create a rectangle with the same perimeter, but a different area.



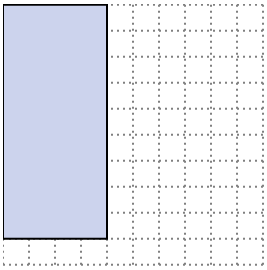


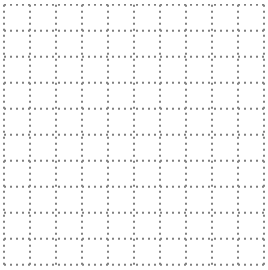
2) The rectangle below has the dimensions 2×9. Create a rectangle with the same perimeter, but a different area.



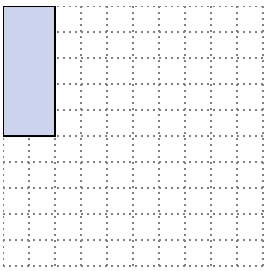


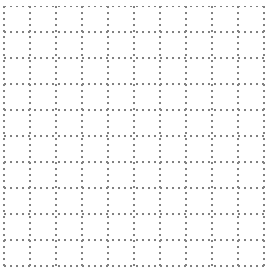
3) The rectangle below has the dimensions 4×9. Create a rectangle with the same perimeter, but a different area.



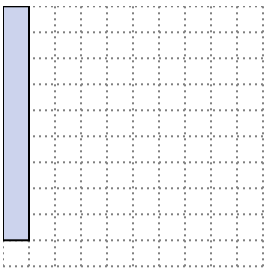


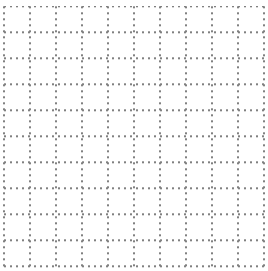
4) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.





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





Answers

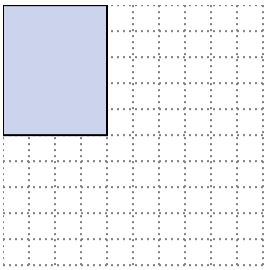
1. _____
2. _____
3. _____
4. _____
5. _____

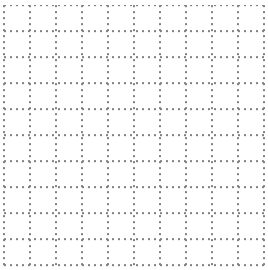
1-5	80	60	40	20	0

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

Solve each problem.

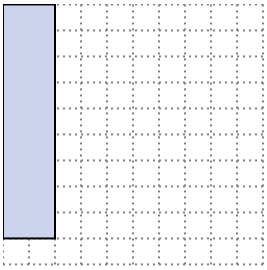
1) The rectangle below has the dimensions 4×5. Create a rectangle with the same perimeter, but a different area.

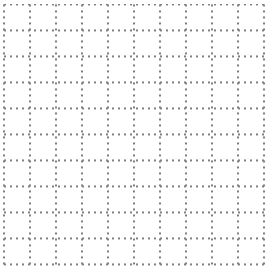




1x8
2x7

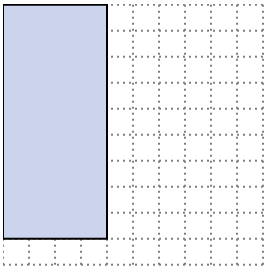
2) The rectangle below has the dimensions 2×9. Create a rectangle with the same perimeter, but a different area.

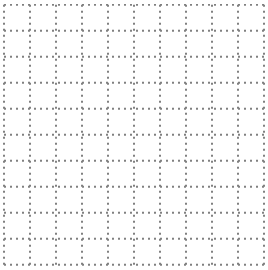




1x10
5x6

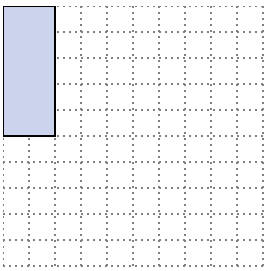
3) The rectangle below has the dimensions 4×9. Create a rectangle with the same perimeter, but a different area.

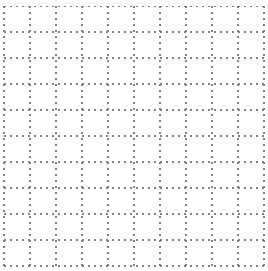




3x10
6x7

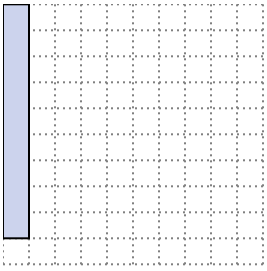
4) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.

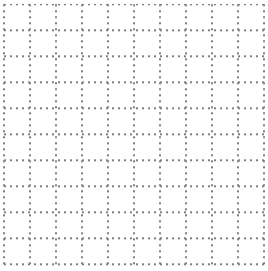




3x4
1x6

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





3x7

Answers

1. **1×8 : 2×7**
2. **1×10 : 5×6**
3. **3×10 : 6×7**
4. **3×4 : 1×6**
5. **3×7**

1-5	80	60	40	20	0