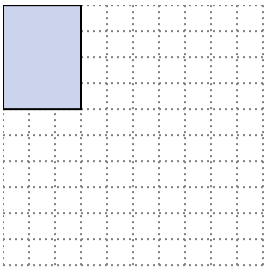
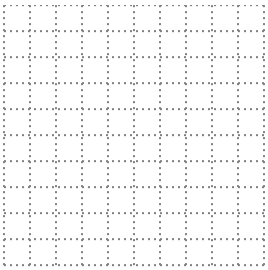
Rectangles - Same Perimeter & Different Area

Name:

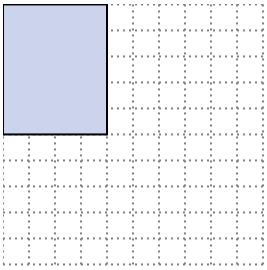
Solve each problem.

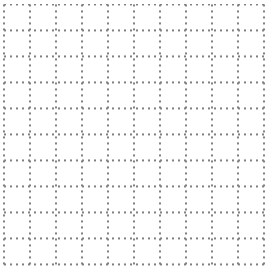
1) The rectangle below has the dimensions 3×4. Create a rectangle with the same perimeter, but a different area.



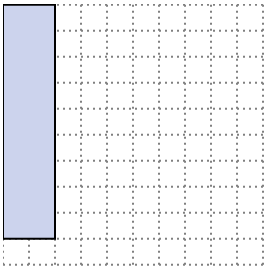


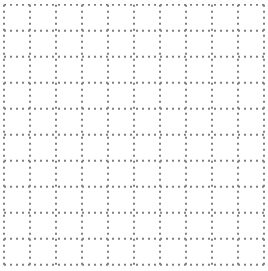
2) The rectangle below has the dimensions 4×5. Create a rectangle with the same perimeter, but a different area.



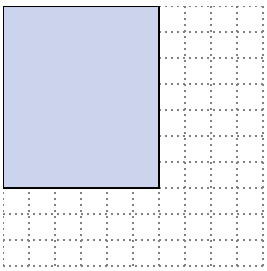


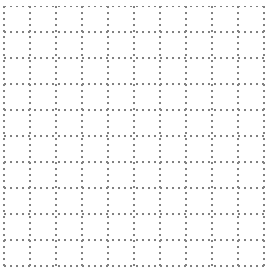
3) The rectangle below has the dimensions 2×9. Create a rectangle with the same perimeter, but a different area.



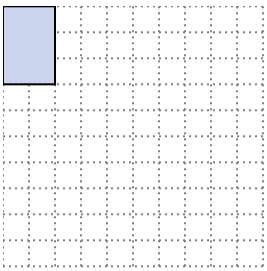


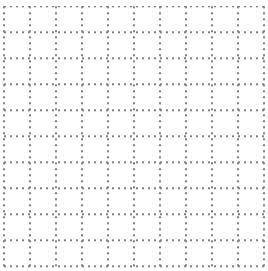
4) The rectangle below has the dimensions 6×7. Create a rectangle with the same perimeter, but a different area.





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





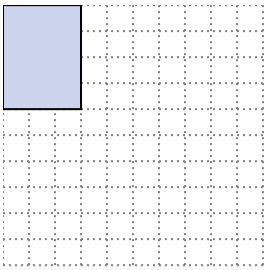
Answers

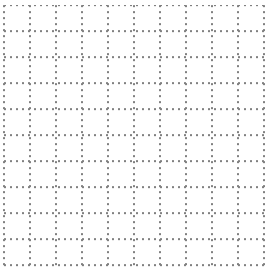
1. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Solve each problem.

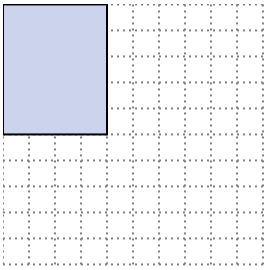
1) The rectangle below has the dimensions 3×4. Create a rectangle with the same perimeter, but a different area.

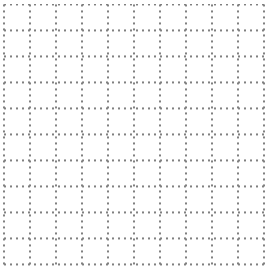




2x5
1x6

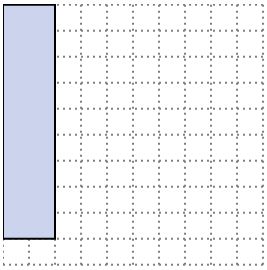
2) The rectangle below has the dimensions 4×5. Create a rectangle with the same perimeter, but a different area.

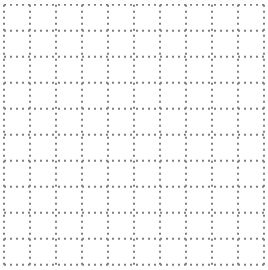




2x7
1x8

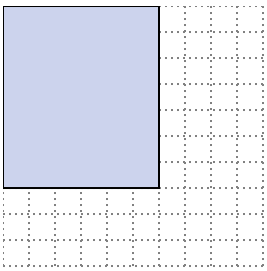
3) The rectangle below has the dimensions 2×9. Create a rectangle with the same perimeter, but a different area.

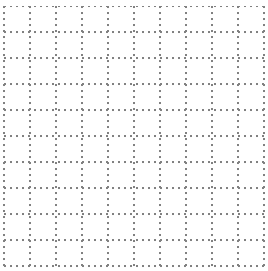




5x6
1x10

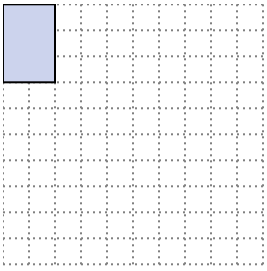
4) The rectangle below has the dimensions 6×7. Create a rectangle with the same perimeter, but a different area.

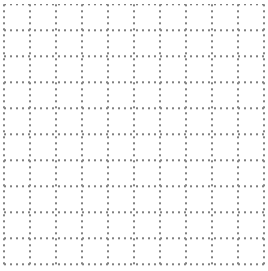




4x9
3x10

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





1x4

Answers

1. **2×5 : 1×6**
2. **2×7 : 1×8**
3. **5×6 : 1×10**
4. **4×9 : 3×10**
5. **1×4**

1-5	80	60	40	20	0