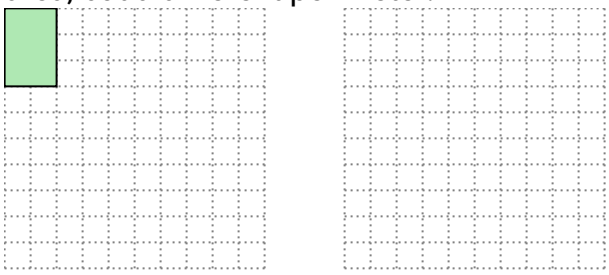
Rectangles - Same Area & Different Perimeter

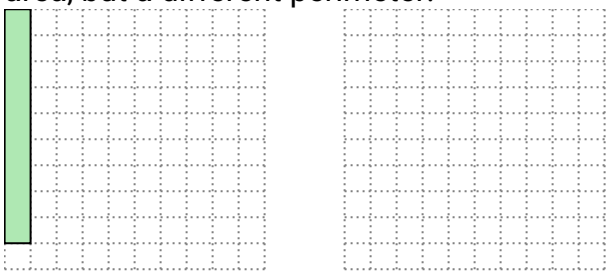
Name:

Solve each problem.

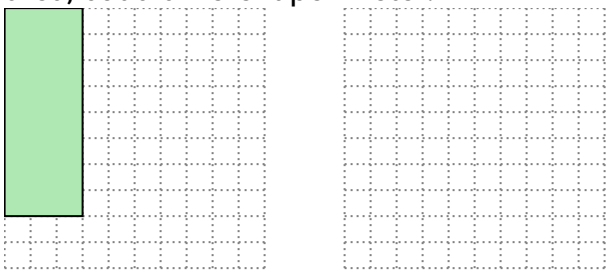
1) The rectangle below has the dimensions 2×3. Create a rectangle with the same area, but a different perimeter.



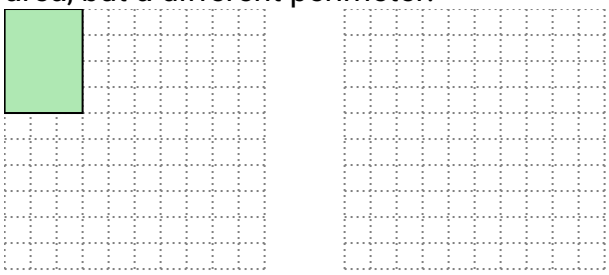
2) The rectangle below has the dimensions 1×9. Create a rectangle with the same area, but a different perimeter.



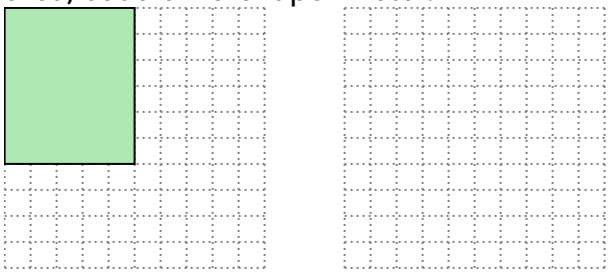
3) The rectangle below has the dimensions 3×8. Create a rectangle with the same area, but a different perimeter.



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



5) The rectangle below has the dimensions 5×6. Create a rectangle with the same area, but a different perimeter.



Answers

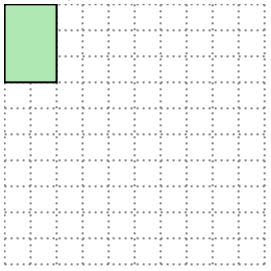
1. _____
2. _____
3. _____
4. _____
5. _____

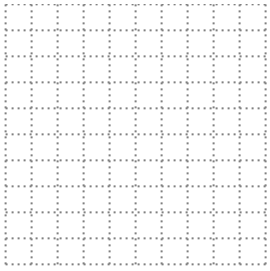
1-5	80	60	40	20	0

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

Solve each problem.

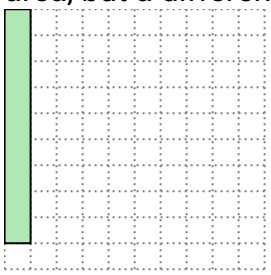
1) The rectangle below has the dimensions 2×3. Create a rectangle with the same area, but a different perimeter.

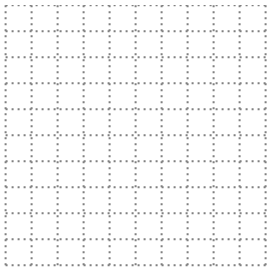




1×6

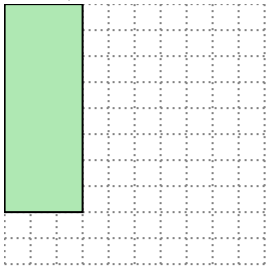
2) The rectangle below has the dimensions 1×9. Create a rectangle with the same area, but a different perimeter.

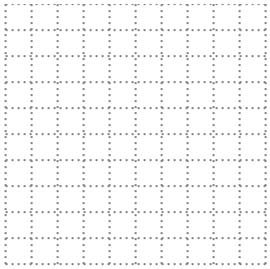




3×3

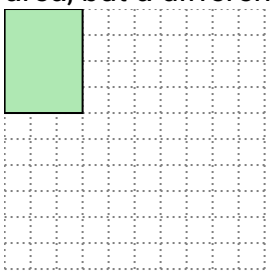
3) The rectangle below has the dimensions 3×8. Create a rectangle with the same area, but a different perimeter.

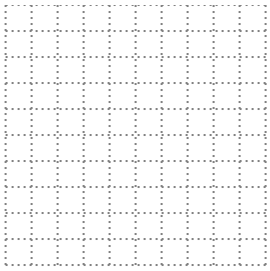




4×6

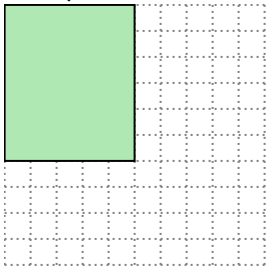
4) The rectangle below has the dimensions 3×4. Create a rectangle with the same area, but a different perimeter.

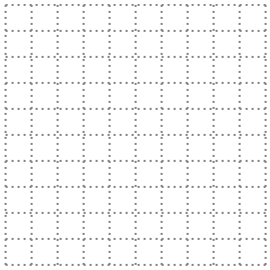




2×6

5) The rectangle below has the dimensions 5×6. Create a rectangle with the same area, but a different perimeter.





3×10

Answers

1. 1×6
2. 3×3
3. 4×6
4. 2×6
5. 3×10