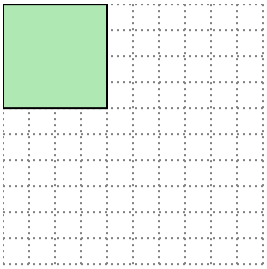
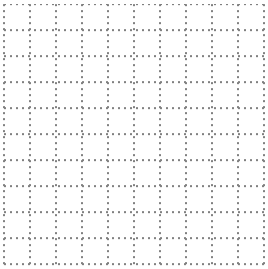
Rectangles - Same Area & Different Perimeter

Name:

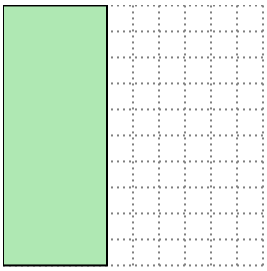
Solve each problem.

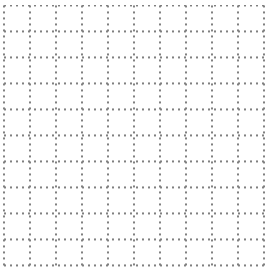
1) The rectangle below has the dimensions 4×4. Create a rectangle with the same area, but a different perimeter.



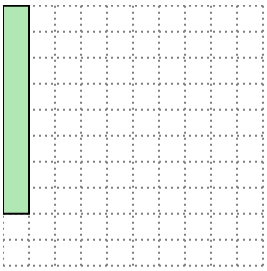


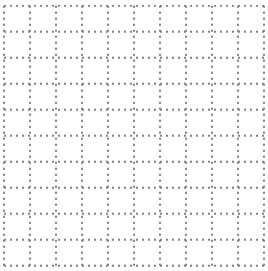
2) The rectangle below has the dimensions 4×10. Create a rectangle with the same area, but a different perimeter.



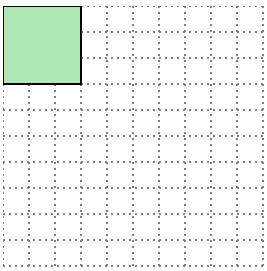


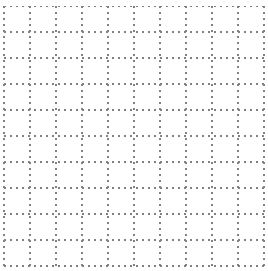
3) The rectangle below has the dimensions 1×8. Create a rectangle with the same area, but a different perimeter.



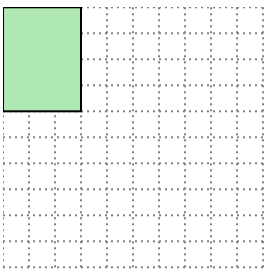


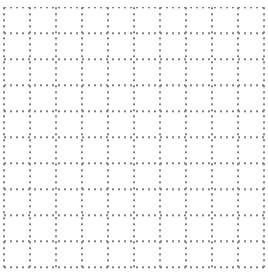
4) The rectangle below has the dimensions 3×3. Create a rectangle with the same area, but a different perimeter.





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





Answers

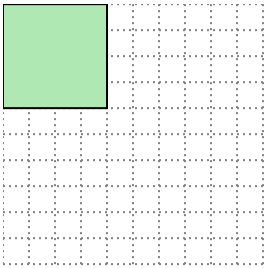
1. _____
2. _____
3. _____
4. _____
5. _____

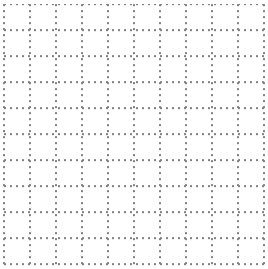
1-5	80	60	40	20	0

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

Solve each problem.

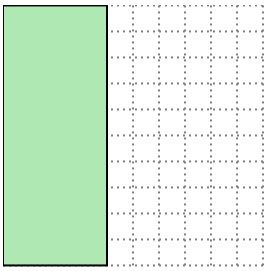
1) The rectangle below has the dimensions 4×4. Create a rectangle with the same area, but a different perimeter.

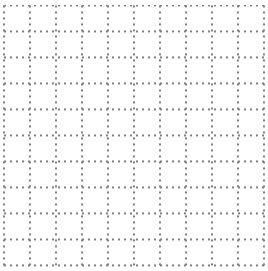




2×8

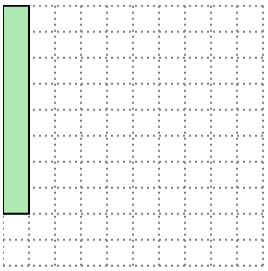
2) The rectangle below has the dimensions 4×10. Create a rectangle with the same area, but a different perimeter.

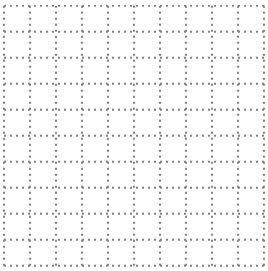




5×8

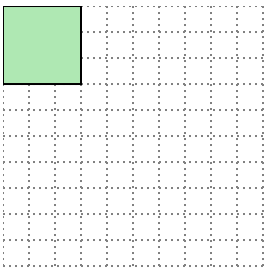
3) The rectangle below has the dimensions 1×8. Create a rectangle with the same area, but a different perimeter.

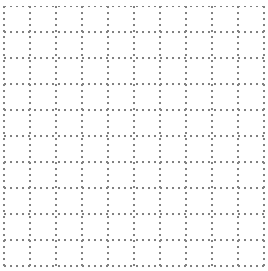




2×4

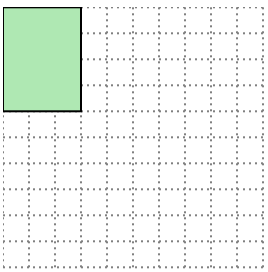
4) The rectangle below has the dimensions 3×3. Create a rectangle with the same area, but a different perimeter.

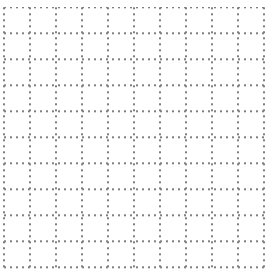




1×9

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





2×6

Answers

1. **2×8**
2. **5×8**
3. **2×4**
4. **1×9**
5. **2×6**

1-5	80	60	40	20	0