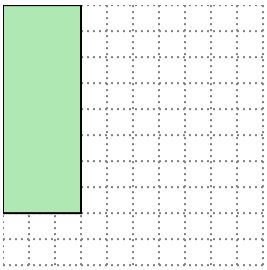
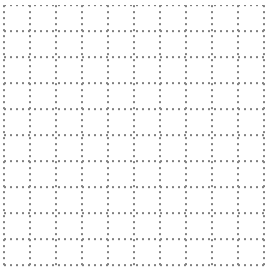
Rectangles - Same Area & Different Perimeter

Name:

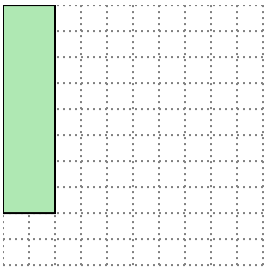
Solve each problem.

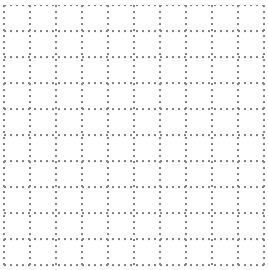
1) The rectangle below has the dimensions 3×8. Create a rectangle with the same area, but a different perimeter.



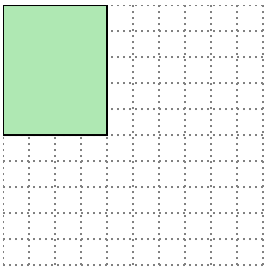


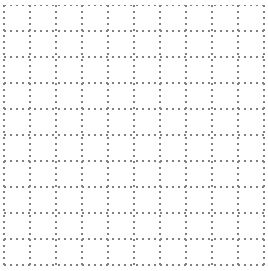
2) The rectangle below has the dimensions 2×8. Create a rectangle with the same area, but a different perimeter.



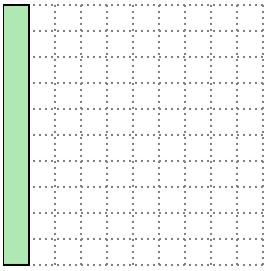


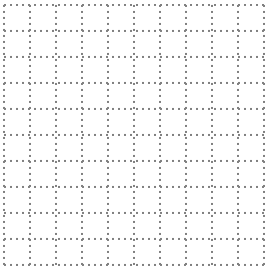
3) The rectangle below has the dimensions 4×5. Create a rectangle with the same area, but a different perimeter.



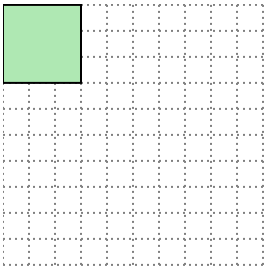


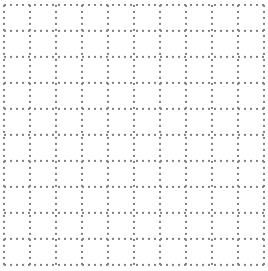
4) The rectangle below has the dimensions 1×10. Create a rectangle with the same area, but a different perimeter.





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





Answers

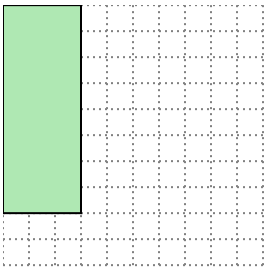
1. _____
2. _____
3. _____
4. _____
5. _____

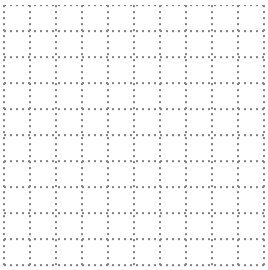
1-5	80	60	40	20	0

Name: **Answer Key**

Solve each problem.

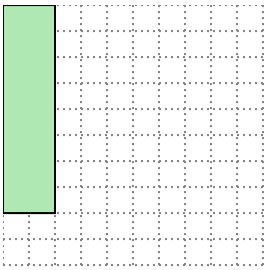
1) The rectangle below has the dimensions 3×8. Create a rectangle with the same area, but a different perimeter.

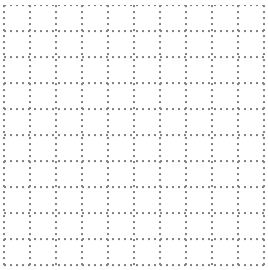




4×6

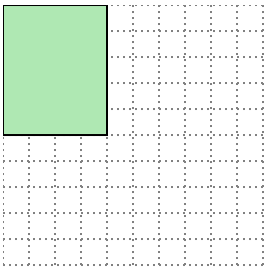
2) The rectangle below has the dimensions 2×8. Create a rectangle with the same area, but a different perimeter.

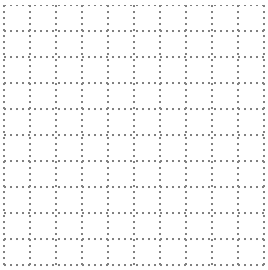




4×4

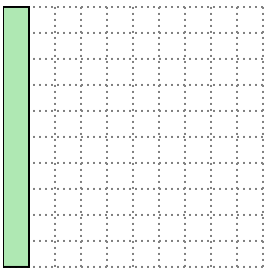
3) The rectangle below has the dimensions 4×5. Create a rectangle with the same area, but a different perimeter.

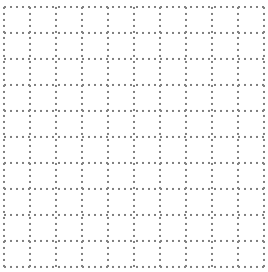




2×10

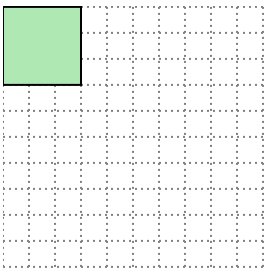
4) The rectangle below has the dimensions 1×10. Create a rectangle with the same area, but a different perimeter.

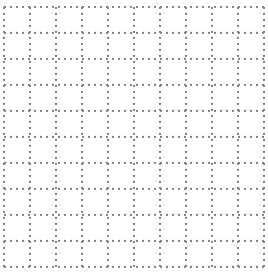




2×5

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





1×9

Answers

1. **4×6**
2. **4×4**
3. **2×10**
4. **2×5**
5. **1×9**

1-5	80	60	40	20	0