Solve each problem.

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

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

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

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

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

Answers

1. 
2. 
3. 
4. 
5. 
Solve each problem.

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

   \[ \frac{3 \times 10}{4 \times 9} \]

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

   \[ \frac{1 \times 10}{2 \times 9} \]

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

   \[ \frac{1 \times 6}{3 \times 4} \]

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

   \[ \frac{1 \times 4}{\text{ }} \]

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

   \[ \frac{1 \times 8}{2 \times 7} \]
Solve each problem.

1) The rectangle below has the dimensions 1×6. Create a rectangle with the same perimeter, but a different area.

2) The rectangle below has the dimensions 1×4. 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 1×9. Create a rectangle with the same perimeter, but a different area.

5) The rectangle below has the dimensions 3×10. Create a rectangle with the same perimeter, but a different area.
Solve each problem.

1) The rectangle below has the dimensions 1×6. Create a rectangle with the same perimeter, but a different area.

2) The rectangle below has the dimensions 1×4. 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 1×9. Create a rectangle with the same perimeter, but a different area.

5) The rectangle below has the dimensions 3×10. Create a rectangle with the same perimeter, but a different area.

Answers

1. 2×5 : 3×4
2. 2×3
3. 1×10 : 5×6
4. 3×7
5. 4×9 : 6×7
1) The rectangle below has the dimensions 4×9. Create a rectangle with the same perimeter, but a different area.

```
+---+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+---+
```

2) The rectangle below has the dimensions 2×7. Create a rectangle with the same perimeter, but a different area.

```
+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+
```

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

```
+---+---+---+---+
|   |   |   |   |
+---+---+---+---+
|   |   |   |   |
+---+---+---+---+
|   |   |   |   |
+---+---+---+---+
|   |   |   |   |
+---+---+---+---+
|   |   |   |   |
+---+---+---+---+
```

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

```
+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+
```

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

```
+---+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+---+
|   |   |   |   |   |   |   |   |   |   |
+---+---+---+---+---+---+---+---+---+---+
```

Solve each problem.
Solve each problem.

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

2) The rectangle below has the dimensions 2×7. Create a rectangle with the same perimeter, but a different area.

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

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

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

Answers

1. 3×10 : 6×7
2. 4×5 : 1×8
3. 2×3
4. 3×7
5. 2×9 : 5×6
Solve each problem.

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

2) The rectangle below has the dimensions 3×4. 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 1×9. Create a rectangle with the same perimeter, but a different area.

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

Answers

1. __________
2. __________
3. __________
4. __________
5. __________
Solve each problem.

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

2×9

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

2×5

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

6×7

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

3×7

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

1×8
Solve each problem.

1) The rectangle below has the dimensions 6×7. 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 1×9. Create a rectangle with the same perimeter, but a different area.

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

5) The rectangle below has the dimensions 1×6. Create a rectangle with the same perimeter, but a different area.
Solve each problem.

1) The rectangle below has the dimensions 6×7. 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 1×9. Create a rectangle with the same perimeter, but a different area.

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

5) The rectangle below has the dimensions 1×6. Create a rectangle with the same perimeter, but a different area.

Answers

1. 3×10 : 4×9
2. 5×6 : 1×10
3. 3×7
4. 2×3
5. 2×5 : 3×4
1) The rectangle below has the dimensions 1×4. Create a rectangle with the same perimeter, but a different area.

2) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.

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

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

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

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

2×3

2) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area. 

1×9

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

2×7 : 1×8

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

1×10 : 2×9

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

3×10 : 4×9
Solve each problem.

1) The rectangle below has the dimensions 1×4. 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 2×7. 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 3×7. Create a rectangle with the same perimeter, but a different area.

Answers:

1. 
2. 
3. 
4. 
5. 

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Solve each problem.

1) The rectangle below has the dimensions 1×4. 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 2×7. 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 3×7. Create a rectangle with the same perimeter, but a different area.

Answers

1. 2×3
2. 1×10 : 5×6
3. 1×8 : 4×5
4. 3×10 : 4×9
5. 1×9
Solve each problem.

1) The rectangle below has the dimensions $5 \times 6$. Create a rectangle with the same perimeter, but a different area.

2) The rectangle below has the dimensions $3 \times 7$. Create a rectangle with the same perimeter, but a different area.

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

4) The rectangle below has the dimensions $1 \times 8$. Create a rectangle with the same perimeter, but a different area.

5) The rectangle below has the dimensions $3 \times 10$. Create a rectangle with the same perimeter, but a different area.
Solve each problem.

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

2) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.

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

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

5) The rectangle below has the dimensions 3×10. Create a rectangle with the same perimeter, but a different area.
Solve each problem.

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

2) The rectangle below has the dimensions 2×7. Create a rectangle with the same perimeter, but a different area.

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

4) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.

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

Answers

1. 
2. 
3. 
4. 
5. 

Solve each problem.

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

   ![Rectangle 1×10]

   5×6
   2×9

2) The rectangle below has the dimensions 2×7. Create a rectangle with the same perimeter, but a different area.

   ![Rectangle 2×7]

   1×8
   4×5

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

   ![Rectangle 2×3]

   1×4

4) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.

   ![Rectangle 3×7]

   1×9

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

   ![Rectangle 2×5]

   1×6
   3×4

Answers

1. 5×6 : 2×9
2. 1×8 : 4×5
3. 1×4
4. 1×9
5. 1×6 : 3×4
Solve each problem.

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

2) The rectangle below has the dimensions $2 \times 7$. Create a rectangle with the same perimeter, but a different area.

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

4) The rectangle below has the dimensions $1 \times 9$. Create a rectangle with the same perimeter, but a different area.

5) The rectangle below has the dimensions $6 \times 7$. Create a rectangle with the same perimeter, but a different area.

Answers:

1. 
2. 
3. 
4. 
5. 

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Solve each problem.

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

2) The rectangle below has the dimensions 2×7. Create a rectangle with the same perimeter, but a different area.

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

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

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

Answers

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