Rectangles - Same Perimeter & Different Area

Name: _____

Solve each problem.

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

1. _____

2. _____

3. _____

4. _____

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

5. _____

3) The rectangle below has the dimensions 1×10. 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.
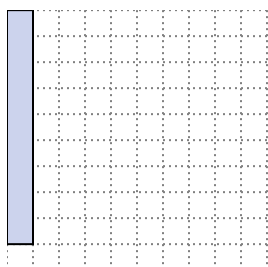
5) The rectangle below has the dimensions 1×8. Create a rectangle with the same perimeter, but a different area.
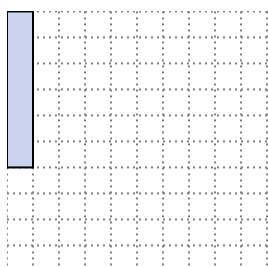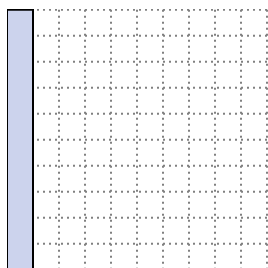
1-5 | 80 | 60 | 40 | 20 | 0

Solve each problem.

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

3x7
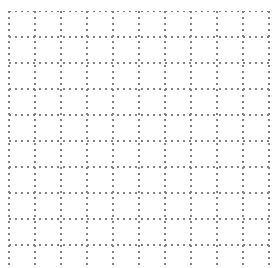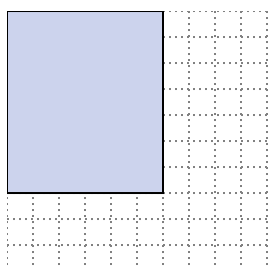
2) The rectangle below has the dimensions 1×6. Create a rectangle with the same perimeter, but a different area.
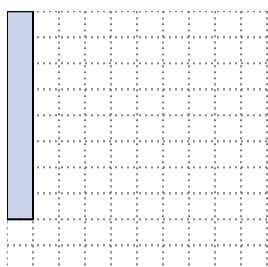
3x4
2x5

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

5x6
2x9

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

3x10
4x9

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

4x5
2x7

Rectangles - Same Perimeter & Different Area
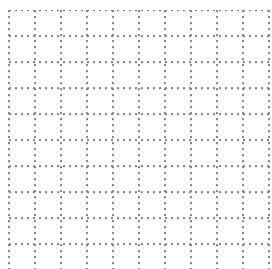
Name: _____

Solve each problem.

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

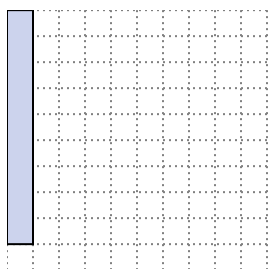**2)** The rectangle below has the dimensions 1×4. Create a rectangle with the same perimeter, but a different area.

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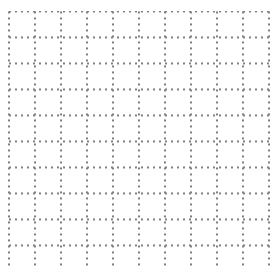
4) The rectangle below has the dimensions 1×6. Create a rectangle with the same perimeter, but a different area.

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

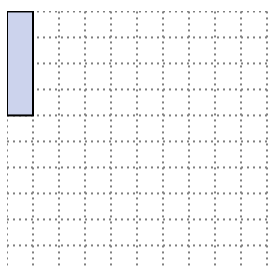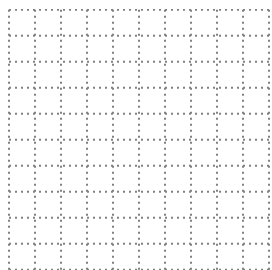| | Rectangles - Same Perimeter & Different Area | Name: | |

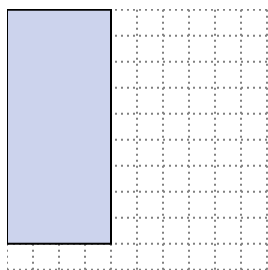**Answer Key**

Solve each problem.

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

3x7

1. **3×7**
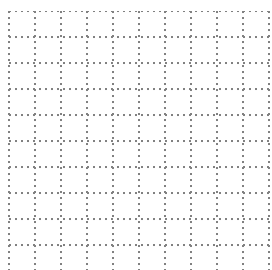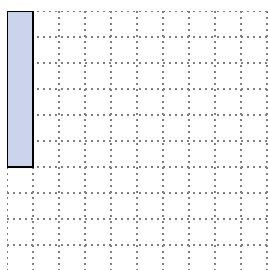
2) The rectangle below has the dimensions 1×4. Create a rectangle with the same perimeter, but a different area.
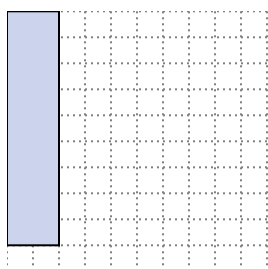
2x3

2. **2×3**

3) The rectangle below has the dimensions 4×9. Create a rectangle with the same perimeter, but a different area.
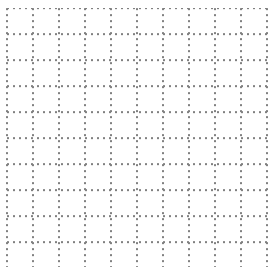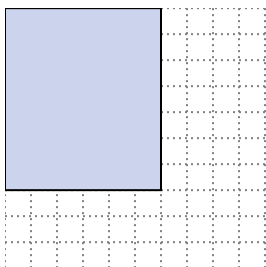
6x7
3x10

3. **6×7 : 3×10**

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

3x4
2x5

4. **3×4 : 2×5**

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

1x10
5x6

5. **1×10 : 5×6**

Math

2

| 1-5 | 80 | 60 | 40 | 20 | 0 |

Rectangles - Same Perimeter & Different Area   Name:

Solve each problem.

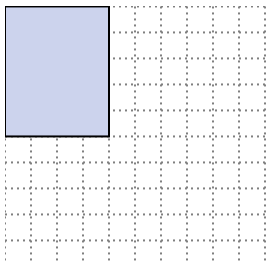1) The rectangle below has the dimensions 6×7. Create a rectangle with the same perimeter, but a different area.
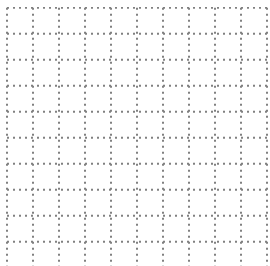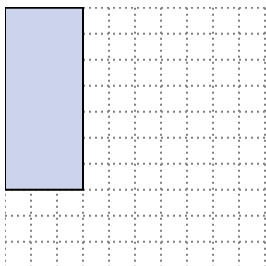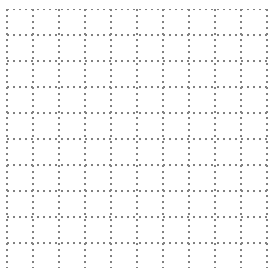
2) The rectangle below has the dimensions 4×5. Create a rectangle with the same perimeter, but a different area.

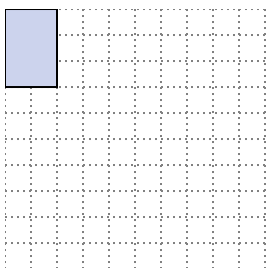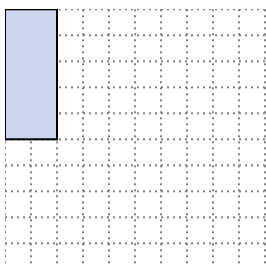3) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.

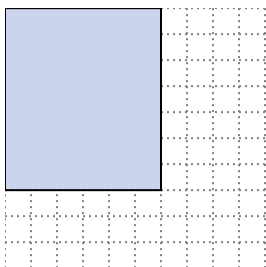4) The rectangle below has the dimensions 2×3. Create a rectangle with the same perimeter, but a different area.

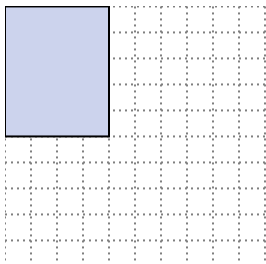5) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.

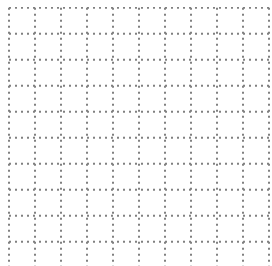**Math**   www.CommonCoreSheets.com   3

Solve each problem.

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

3x10
4x9

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

1x8
2x7

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

1x9

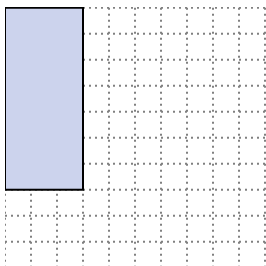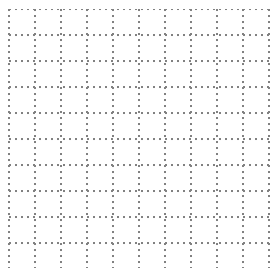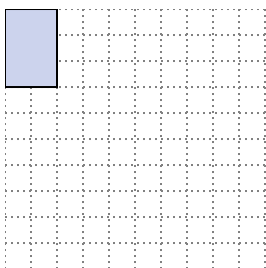**4)** The rectangle below has the dimensions 2×3. Create a rectangle with the same perimeter, but a different area.

1x4

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

1x6
3x4

1-5 | 80 | 60 | 40 | 20 | 0

Solve each problem.

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

1) The rectangle below has the dimensions 1×8. Create a rectangle with the same perimeter, but a different area.
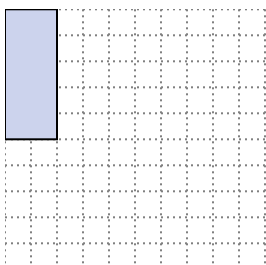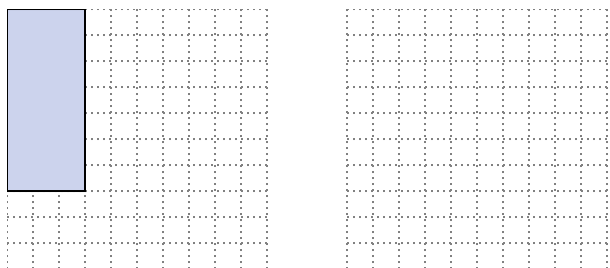
2) The rectangle below has the dimensions 3×10. Create a rectangle with the same perimeter, but a different area.

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

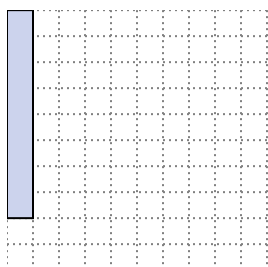**4)** The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.

5) The rectangle below has the dimensions 2×3. Create a rectangle with the same perimeter, but a different area.
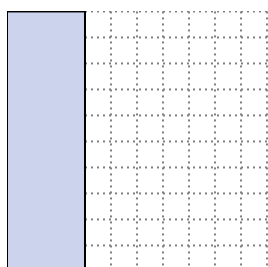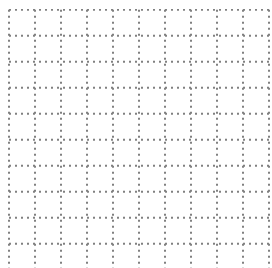
1-5 | 80 | 60 | 40 | 20 | 0

Solve each problem.

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

4x5
2x7

1. **4×5 : 2×7**

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

4x9
6x7

2. **4×9 : 6×7**

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

3x4
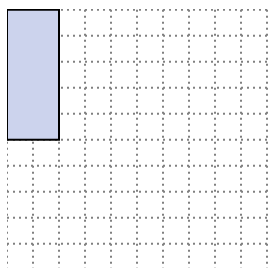1x6

3. **3×4 : 1×6**

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

1x9

4. **1×9**

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

1x4

5. **1×4**

1-5 | 80 | 60 | 40 | 20 | 0

Solve each problem.

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

1. _____

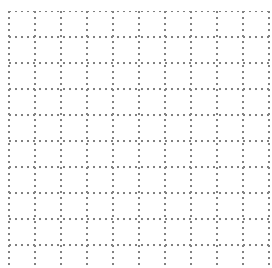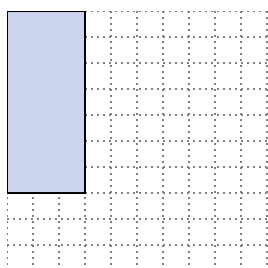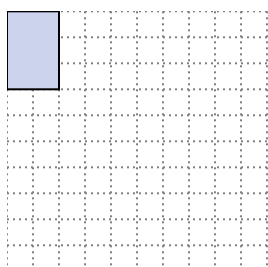2. _____

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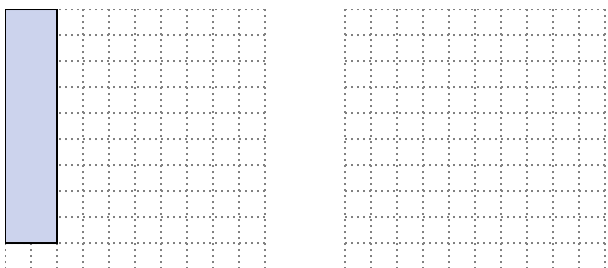
3. _____

4. _____

5. _____

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

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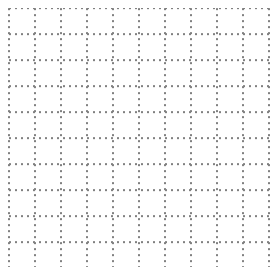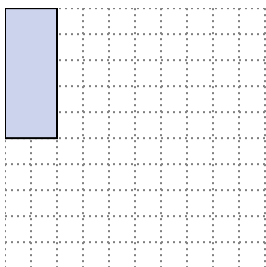
5) The rectangle below has the dimensions 6×7. Create a rectangle with the same perimeter, but a different area.
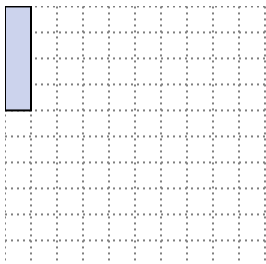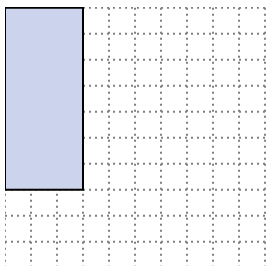
Name:

Solve each problem.

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

1. **1×6 : 3×4**

1x6
3x4

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

2. **2×3**

2x3

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

3. **1×9**

1x9

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

4. **5×6 : 1×10**

5x6
1x10

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

5. **3×10 : 4×9**

3x10
4x9

Solve each problem.

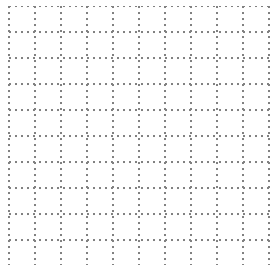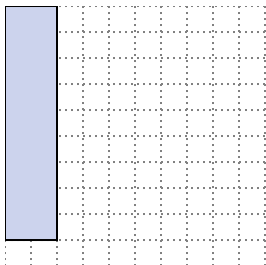1) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.

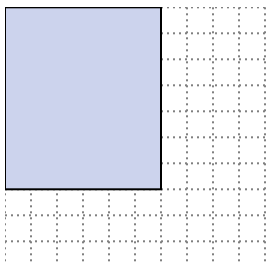2) The rectangle below has the dimensions 1×4. Create a rectangle with the same perimeter, but a different area.

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

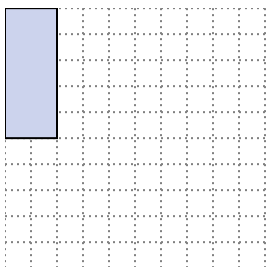4) The rectangle below has the dimensions 1×8. Create a rectangle with the same perimeter, but a different area.

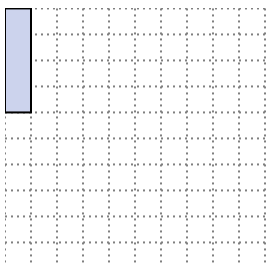5) The rectangle below has the dimensions 3×10. Create a rectangle with the same perimeter, but a different area.
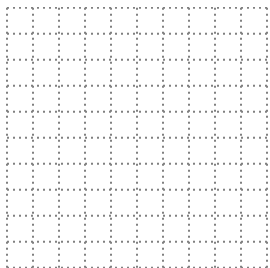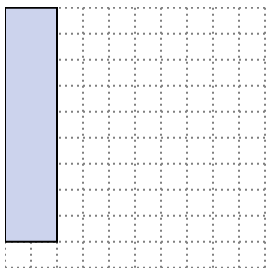
Name:

Solve each problem.

1) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.
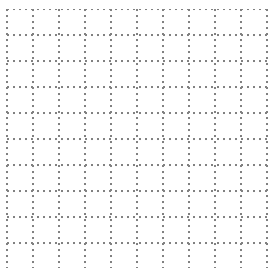
1x6
3x4

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

2x3

3) The rectangle below has the dimensions 2×9. Create a rectangle with the same perimeter, but a different area.
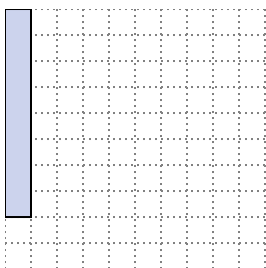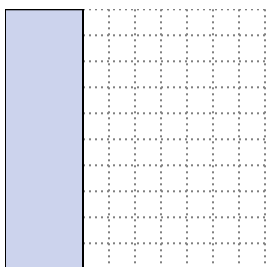
5x6
1x10

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

2x7
4x5

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

4x9
6x7

1. **1×6 : 3×4**

2. **2×3**

3. **5×6 : 1×10**

4. **2×7 : 4×5**

5. **4×9 : 6×7**

1-5 | 80 | 60 | 40 | 20 | 0

Solve each problem.

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

1. _____

2. _____

3. _____

4. _____

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

5. _____

3) The rectangle below has the dimensions 5×6. 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.
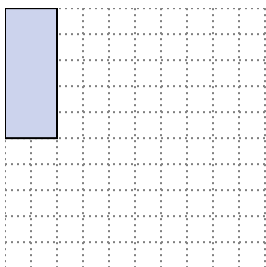
5) The rectangle below has the dimensions 4×9. Create a rectangle with the same perimeter, but a different area.
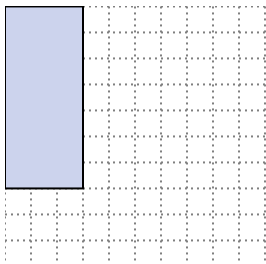
1-5 | 80 | 60 | 40 | 20 | 0

Rectangles - Same Perimeter & Different Area   Name: Answer Key
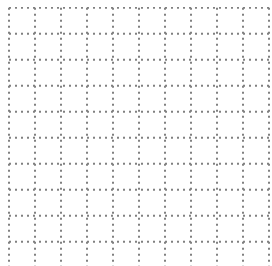
Solve each problem.

Answers

1) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.
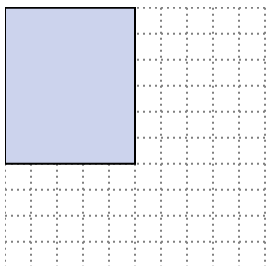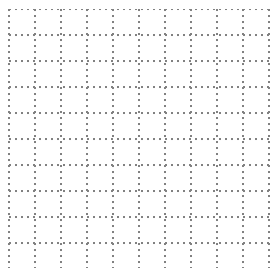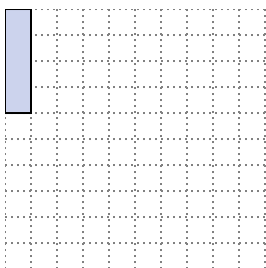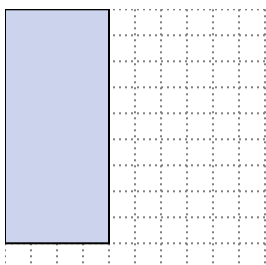
3x4
1x6

1. **3×4 : 1×6**

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

1x9

2. **1×9**

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

2x9
1x10

3. **2×9 : 1×10**

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

2x3

4. **2×3**

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

6x7
3x10

5. **6×7 : 3×10**

1-5 | 80 | 60 | 40 | 20 | 0

Rectangles - Same Perimeter & Different Area   Name:

Solve each problem.

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

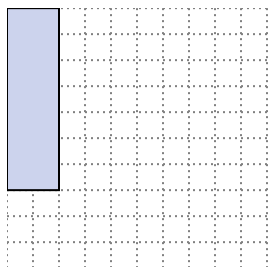2) The rectangle below has the dimensions 2×3. Create a rectangle with the same perimeter, but a different area.

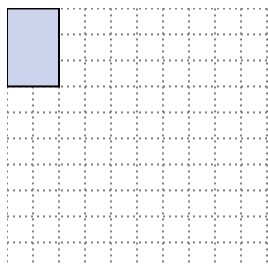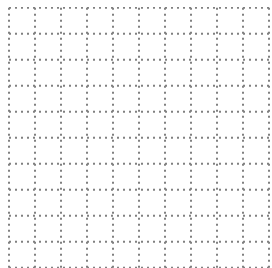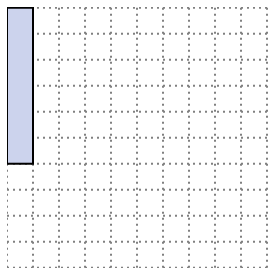3) The rectangle below has the dimensions 1×6. Create a rectangle with the same perimeter, but a different area.

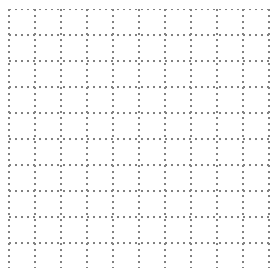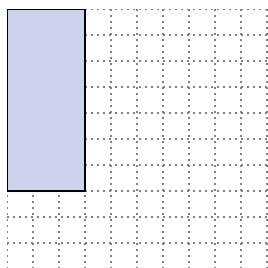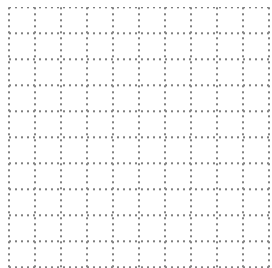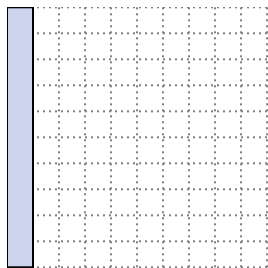4) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.

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

Math   www.CommonCoreSheets.com

8

Name:

Solve each problem.

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

1x8
4x5

1. **1×8 : 4×5**

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

1x4

2. **1×4**

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

3x4
2x5

3. **3×4 : 2×5**

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

1x9

4. **1×9**

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

2x9
5x6

5. **2×9 : 5×6**

1-5 | 80 | 60 | 40 | 20 | 0

Rectangles - Same Perimeter & Different Area

Name:

Solve each problem.

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

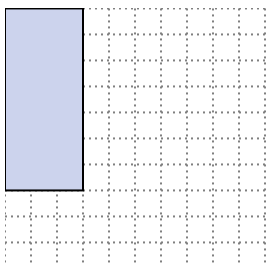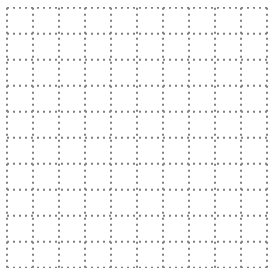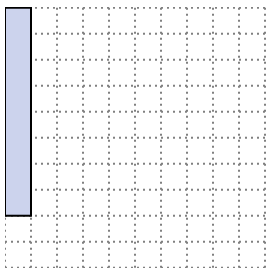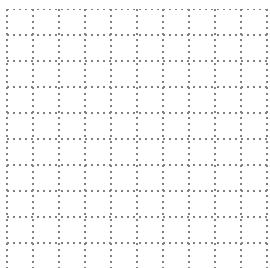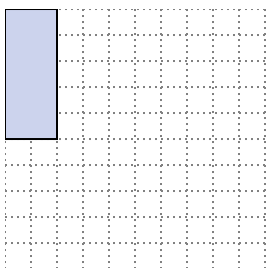**2)** The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.
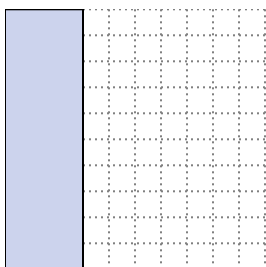
3) The rectangle below has the dimensions 1×8. Create a rectangle with the same perimeter, but a different area.

4) The rectangle below has the dimensions 2×5. Create a rectangle with the same perimeter, but a different area.
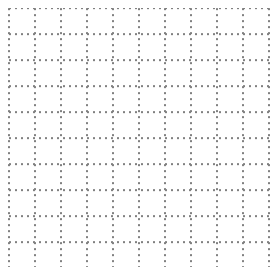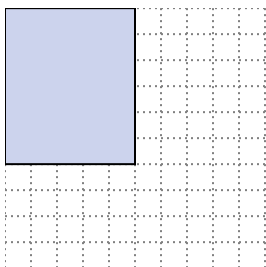
5) The rectangle below has the dimensions 3×10. Create a rectangle with the same perimeter, but a different area.
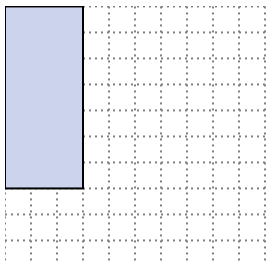
1-5 | 80 | 60 | 40 | 20 | 0

Solve each problem.

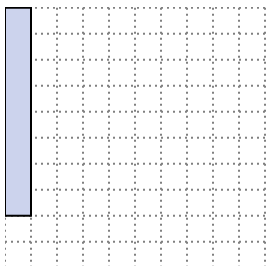**1)** The rectangle below has the dimensions 5×6. Create a rectangle with the same perimeter, but a different area.

2x9
1x10

1. __**2×9 : 1×10**__

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

1x9

2. __**1×9**__

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

4x5
2x7

3. __**4×5 : 2×7**__

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

3x4
1x6

4. __**3×4 : 1×6**__

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

6x7
4x9

5. __**6×7 : 4×9**__

1-5 | 80 | 60 | 40 | 20 | 0

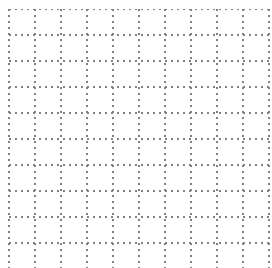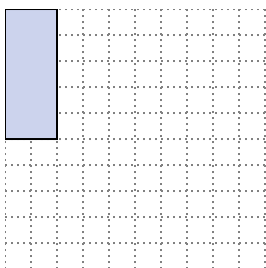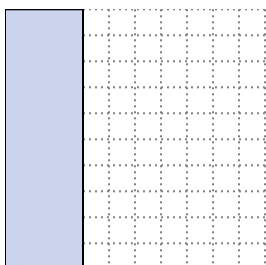Rectangles - Same Perimeter & Different Area   Name:

Solve each problem.

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

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

3) The rectangle below has the dimensions 6×7. 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.
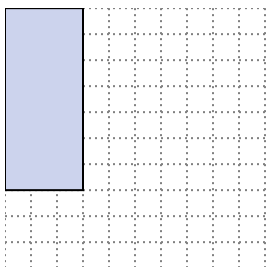
5) The rectangle below has the dimensions 1×8. Create a rectangle with the same perimeter, but a different area.
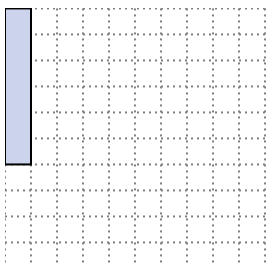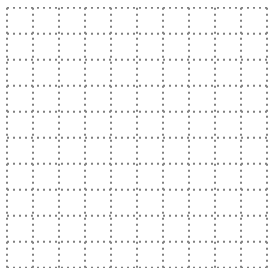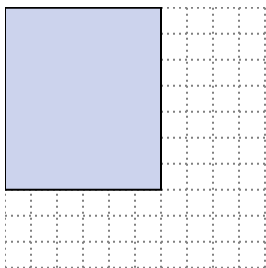
Name:

Solve each problem.

Answers

1) The rectangle below has the dimensions 3×7. Create a rectangle with the same perimeter, but a different area.
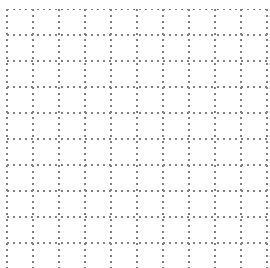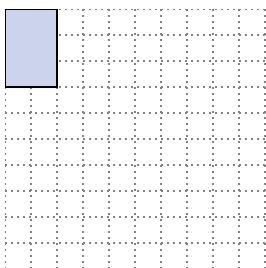
1x9

2) The rectangle below has the dimensions 1×6. Create a rectangle with the same perimeter, but a different area.
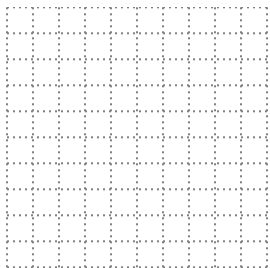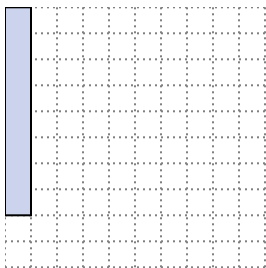
3x4
2x5

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

4x9
3x10

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

1x4

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

4x5
2x7

1. **1×9**

2. **3×4 : 2×5**

3. **4×9 : 3×10**

4. **1×4**

5. **4×5 : 2×7**

1-5 | 80 | 60 | 40 | 20 | 0