

What's the biggest rectangle?

1. A rectangle has perimeter 40 units. What is the largest area it could have?

2. A rectangle has perimeter 60 feet. What is the largest area it could have?

3. A rectangle has perimeter 70 inches. What is the largest area it could have?

4. A rectangle has perimeter 75 meters. What is the largest area it could have?

5. A rectangle has perimeter 100 miles. What is the *smallest* area it could have?