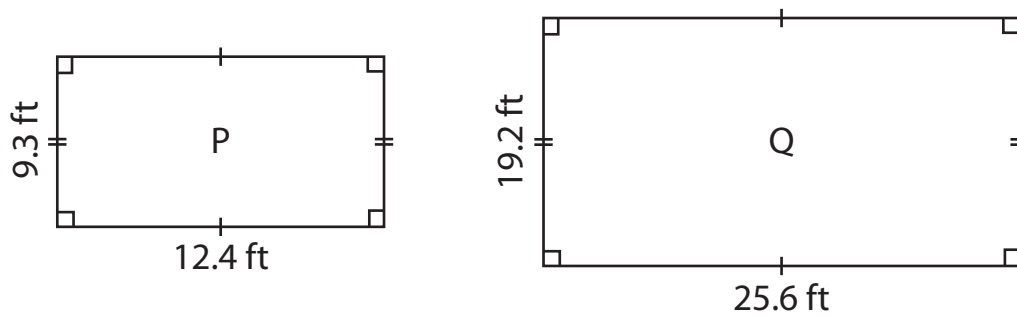


Name : _____

Ratio of Perimeters and Areas

Sheet 2



1) What is the scale factor?

2) Determine the ratio of perimeters.

3) What is the ratio of areas?

4) Find the areas of both rectangles.

5) What is the ratio of areas?

6) Express the relationship between scale factor and the ratio of perimeters.

7) What is the relation between scale factor and the ratio of areas?

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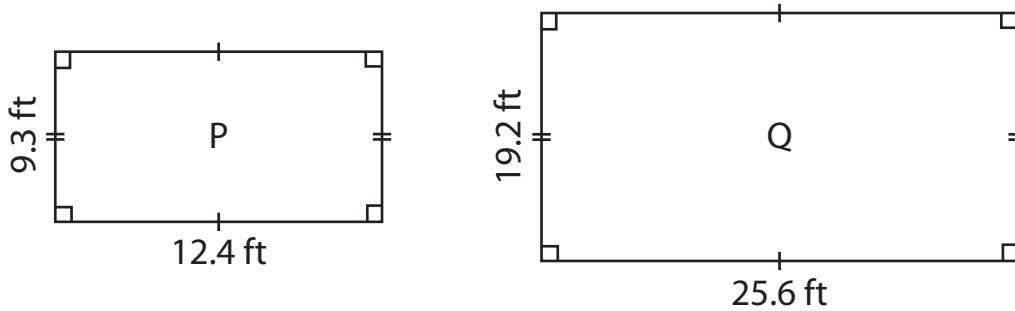
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Answer key

Ratio of Perimeters and Areas

Sheet 2



1) What is the scale factor?

2) Determine the ratio of perimeters.

3) What is the ratio of areas?

4) Find the areas of the rectangles.

5) What is the ratio of areas?

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9.61 : 40.96

6) Express the relationship between scale factor and the ratio of perimeters.

Ratio of perimeters = 3.1 : 6.4 = scale factor

7) What is the relation between scale factor and the ratio of areas?

Ratio of areas = 9.61 : 40.96 = (3.1)² : (6.4)² = (scale factor)²