

Area and Perimeter Are Different: Apply and Create



Use the matching sheet ID when checking answers.

Use what you learned to explain, construct or apply an idea.

1. Draw two different rectangles with area 12 square units.

Look for:

- Both products are 12.
- Dimensions differ.

One possible response: 3 by 4 and 2 by 6.

2. Must rectangles with equal area have equal perimeter? Use an example.

Look for:

- Uses correct examples with equal area and different perimeter.

One possible response: No. A 3 by 4 rectangle has perimeter 14; a 2 by 6 rectangle has perimeter 16.

Open responses use criteria and an illustrative response. Other well-supported responses can be acceptable.