

Scaling Up with Area and Perimeter
U1.L6

Josephine knitted a rectangular blanket for her daughter that is 2 feet wide and 3 feet long. She plans to make a larger matching blanket for herself by doubling the length and width of the one she made for her daughter. When she doubles the length and width, what will happen to the area and perimeter?

- a) The area and perimeter will both be doubled.
- b) The perimeter will be doubled, and the area will be four times as big.
- c) The perimeter and area will both be four times as big.
- d) The area will be doubled, and the perimeter will be four times as big.
- e) The area will be doubled, and the perimeter will stay the same.

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