

Solve and choose the correct answer with short explanation

1. Bhim is building a rectangular prism with a length of 8 meters, a width of 4 meters, and a height of 6 meters. If she doubles the length, keeps the width the same, and halves the height, how does the total surface area of the rectangular prism change?

- A) Increases
- B) Decreases
- C) Remains the same

Explanation:

2. Jigme is constructing a rectangular prism with dimensions 10 meters by 6 meters by 4 meters. If he triples the length, doubles the width, and quadruples the height, how does the total surface area of the rectangular prism change?

- A) Increases
- B) Decreases
- C) Remains the same

Explanation: