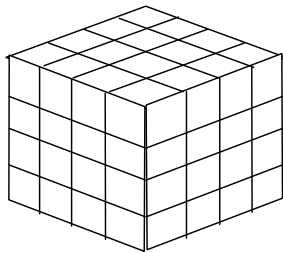


**2A Represent multiplication and division situations involving rational numbers using models, words, pictures and numbers**

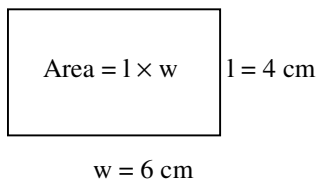
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1. How many blocks would be necessary to construct the figure shown?



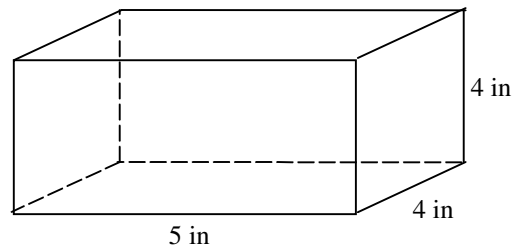
- A 16
- B 32
- C 48
- D 64

2. If the length and width of this rectangle are each doubled, what will be the new area?



- A  $36 \text{ cm}^2$
- B  $40 \text{ cm}^2$
- C  $48 \text{ cm}^2$
- D  $96 \text{ cm}^2$

3. The volume of a rectangular prism is found with the formula  $V = l \times w \times h$ . What is the volume of the prism shown below?



- A  $75 \text{ in.}^3$
- B  $80 \text{ in.}^3$
- C  $100 \text{ in.}^3$
- D  $110 \text{ in.}^3$

4. A local store sells a box of 15 pencils for \$1.15 per box. If a teacher has 25 students in his class and wants to buy each student 3 pencils, how many boxes will he need to buy?

- A 3
- B 4
- C 5
- D 6