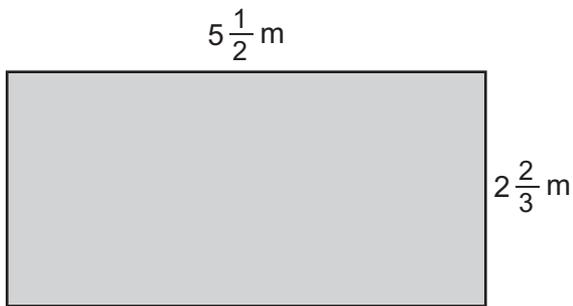


- 1** Antonio wants to find the area of this rectangle in square meters.



Which equation can Antonio use to find the area of the rectangle?

- (A) $A = 5\frac{1}{2} + 2\frac{2}{3}$
 (B) $A = 5\frac{1}{2} \times 2\frac{2}{3}$
 (C) $A = 5\frac{1}{2} + 2\frac{2}{3} + 5\frac{1}{2} + 2\frac{2}{3}$
 (D) $A = 5\frac{1}{2} \times 2\frac{2}{3} \times 5\frac{1}{2} \times 2\frac{2}{3}$

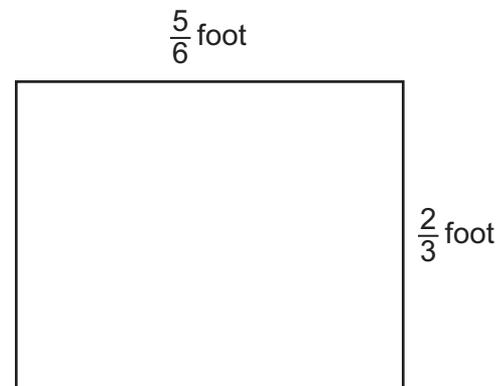
- 2** Ann is making a quilt that is 243.84 centimeters long and 152.4 centimeters wide. What is the perimeter of the quilt?

_____ centimeters

- 3** Earl wants to sew lace trim around the edges of a rectangular pillow that measures $12\frac{1}{4}$ inches long by $6\frac{1}{4}$ inches wide. Which equation can Earl use to find the amount of lace trim he needs?

- (A) $P = 12\frac{1}{4} + 6\frac{1}{4}$
 (B) $P = 12\frac{1}{4} \times 6\frac{1}{4}$
 (C) $P = 12\frac{1}{4} + 6\frac{1}{4} + 12\frac{1}{4} + 6\frac{1}{4}$
 (D) $P = 12\frac{1}{4} \times 6\frac{1}{4} + 12\frac{1}{4} \times 6\frac{1}{4}$

- 4** This diagram shows the measurements of a picture frame.



What is the area of the picture frame?

_____ square foot

- 5** Han wants to paint a rectangular section of a wall that is $\frac{2}{3}$ yard wide and $\frac{11}{12}$ yard long. What equation can Han use to find the area of the wall he wants to paint?
- _____

- 6** Rosalie has a piece of fabric that is 1.2 meters wide and 1.75 meters long. She says that the area of the piece of fabric is 2.1 square meters. Is Rosalie correct? Circle the answers that correctly complete the sentence.

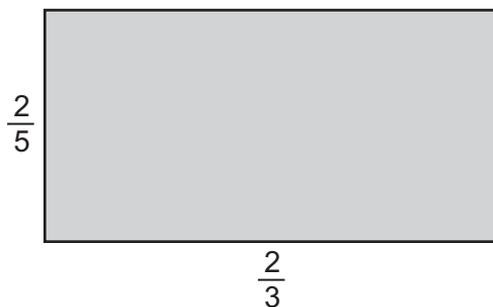
Rosalie is correct
incorrect because she

added the length and width
 multiplied the length by the width
 added 2 times the length and 2 times the width
 multiplied 2 times the length by 2 times the width

- 7** Jordan has a bulletin board that is $\frac{2}{3}$ yard wide and $\frac{7}{6}$ yards long. He wants to put a border around the edge of the bulletin board. How much border does Jordan need?

_____ yard(s)

- 8** What is the area of this rectangle in square units?



_____ square unit(s)

- 9** Zamira made a poster with an area of 225 square inches. Julian made a poster with a greater area than the poster Zamira made. Which could be the dimensions of Julian's poster?

Select **all** the correct answers.

- (A) 10.5 inches by 22.5 inches
- (B) 11.25 inches by 19.5 inches
- (C) 12.5 inches by 17.25 inches
- (D) 13.25 inches by 15.5 inches
- (E) 14.75 inches by 16.5 inches

- 10** Maria has a rectangular garden that is 1.83 meters wide and 3.05 meters long. She wants to enclose the garden with a fence. What equation can Maria use to find the amount of fencing she needs?
