

**Math ACAP 3rd**

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

1. Jeremy uses red beads and blue beads to make a necklace.

- He uses 3 times as many red beads as blue beads.
- He uses a total of 48 beads.

How many red beads does Jeremy use?

- A. 12
- B. 16
- C. 36
- D. 45

2. Subtract.

$$341 - 185$$

- A. 155
- B. 156
- C. 166
- D. 244

3. Which fraction is equivalent to 5?

A.  $\frac{1}{5}$

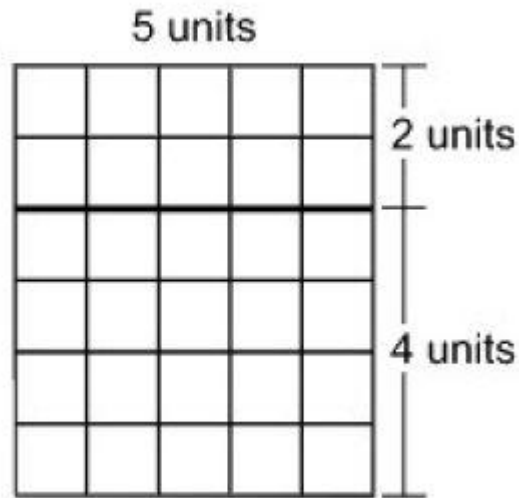
B.  $\frac{5}{10}$

C.  $\frac{5}{5}$

D.  $\frac{5}{1}$

4. Henry started his violin lesson at 3:35 P.M. He finished his violin lesson at 4:10 P.M. How many minutes long was Henry's violin lesson?

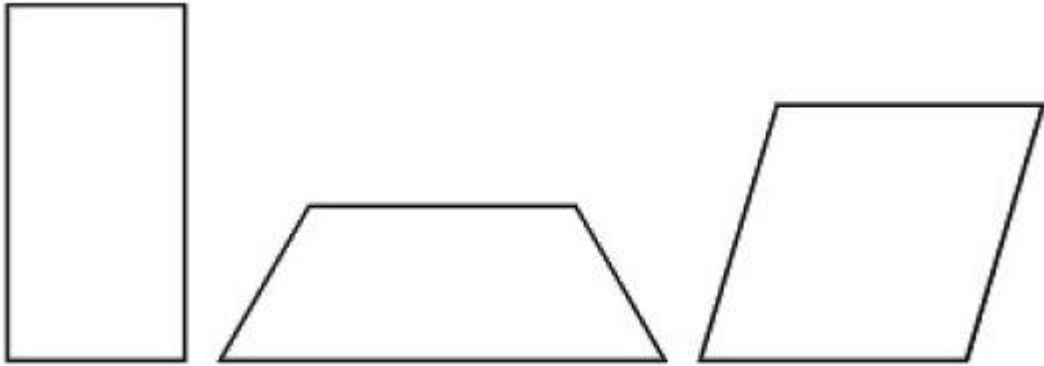
5. A rectangle tiled in unit squares is shown.



Select the **two** expressions that can be used to find the area of the rectangle in square units.

- A.  $6 \times 5$
- B.  $7 \times 4$
- C.  $5 + 5 + 6 + 6$
- D.  $(4 \times 2) + (4 \times 5)$
- E.  $(5 \times 2) + (5 \times 4)$
- F.  $2 + 2 + 4 + 4 + 5 + 5$

6. Three shapes are shown.



Which statement is true for **all** the shapes?

- A. All the shapes are squares.
- B. All the shapes are quadrilaterals.
- C. All the shapes have two pairs of equal sides.
- D. All the shapes have two pairs of parallel sides.