



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 A tire has a radius of 2.38 ft. If  $A = \pi \cdot r^2$  and  $\pi = 3.14$ , estimate the area of the tire.

- A 6 ft.<sup>2</sup>
- B 12 ft.<sup>2</sup>
- C 18 ft.<sup>2</sup>
- D 27 ft.<sup>2</sup>

$$3.14 \times 2.38^2$$

↓                      ↓  
 Nearest        Nearest  
 One             One

$$\boxed{\phantom{00}} \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



2 The area of a triangular dock is 100 sq ft. If  $A = \frac{1}{2} \cdot b \cdot h$ , estimate the dimensions of the dock.

- A 8 x 13 ft.
- B 9 x 31 ft.
- C 11 x 17 ft.
- D 12 x 13 ft.

3 A mother and a daughter go horseback riding. They want to share a horse. The maximum weight a horse can hold is 250 lbs. The mom weighs 186 lbs and the daughter weighs 69 lbs. They weigh

4 Tom's team won 72% of their baseball games. They played 23 games. Estimate how many games they won.

- A 22 games      $23 \times .72$

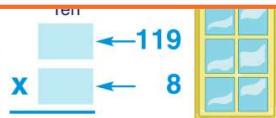


## PREVIEW

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7 A room is 10 feet wide and 20 feet long. Estimate the area of the room.

- A 800 sq. in.
- B 1,000 sq. in.
- C 1,200 sq. in.
- D 2,000 sq. in.



- A true
- B false

9 Over the past five years, there has been 153 in., 129 in., 167 in., 93 in., and 119 in. of snow. What are the estimated total inches of snow?

- A 640 in.
- B 650 in.
- C 660 in.
- D 670 in.



10 The regular price of a TV is \$779.99. For one day only it is on sale for 37% off. Estimate the discount.

- A \$210
- B \$240
- C \$280
- D \$320

$$779.99 \times .37$$

↓                      ↓  
 Nearest        Nearest  
 Hundred        Tenth

$$\boxed{\phantom{00}} \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$





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**A** 6 ft.<sup>2</sup>  
**B** 12 ft.<sup>2</sup>  
**C** 18 ft.<sup>2</sup>  
**D** 27 ft.<sup>2</sup>

$3.14 \times 2.38^2$

Nearest One    Nearest One

$\square \times \square = \square$



(B)

2 The area of a triangular dock is 100 sq ft. If  $A = \frac{1}{2} \cdot b \cdot h$ , estimate the dimensions of the dock.

- A** 8 x 13 ft.  
**B** 9 x 31 ft.  
**C** 11 x 17 ft.  
**D** 12 x 13 ft.

(C)

3 A mother and a daughter go horseback riding. They want to share a horse. The maximum weight a horse can hold is 250 lbs. The mom weighs 186 lbs and the daughter weighs 69 lbs. They weigh

(B)

4 Tom's team won 72% of their baseball games. They played 23 games. Estimate how many games they won.

- A** 22 games     $23 \times .72$
- 

(D)

5



(C)

## PREVIEW


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7

**A** 800 sq. in.  
**B** 1,000 sq. in.  
**C** 1,200 sq. in.  
**D** 2,000 sq. in.

$\square \times \square$

← 119    ← 8



- A** true  
**B** false

(B)

9 Over the past five years, there has been 153 in., 129 in., 167 in., 93 in., and 119 in. of snow. What are the estimated total inches of snow?

- A** 640 in.  
**B** 650 in.  
**C** 660 in.  
**D** 670 in.



(C)

10 The regular price of a TV is \$779.99. For one day only it is on sale for 37% off. Estimate the discount.

**A** \$210     $779.99 \times .37$   
**B** \$240  
**C** \$280  
**D** \$320

Nearest Hundred    Nearest Tenth

$\square \times \square = \square$



(D)