Estimation

Math

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.

3.14 x 2.38²

A 6 ft.²
B 12 ft.²
C 18 ft.²
D 27 ft.²

Nearest One   Nearest One

☐ **x** ☐ **=** ☐

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.
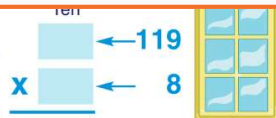
A 22 games   **23 x .72**

5

7

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

☐ ←—119
x ☐ ←— 8

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   **779.99 x .37**
B $240
C $280
D $320

Nearest Hundred   Nearest Tenth

☐ **x** ☐ **=** ☐

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C 18 ft.²
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x   =

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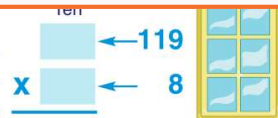
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