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
↓ Nearest One ↓ Nearest One

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

☐ **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 enough to share a horse.

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

23 x .72
↓ Nearest ↓ Nearest

A 22 games
B 21 games
C 16 games

5

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.

Nearest Ten
←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.

779.99 x .37
↓ Nearest Hundred ↓ Nearest Tenth

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

☐ **x** ☐ **=** ☐

Math F

ANSWER KEY

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

↓ Nearest One   ↓ Nearest One

☐ x ☐ = ☐

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

b

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

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 enough to share a horse.

A true
B false

b

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

A 22 games
B 21 games
C 16 games   **23 x .72**
D 14 games   ↓ Nearest Ten   ↓ Nearest Tenth

d

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

☐ x ☐ = ___ ← 119
            ← 8

A true
B false

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

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   ↓ Nearest Hundred   ↓ Nearest Tenth
D $320
            ☐ x ☐ = ☐

d