

10. Give a real-life context for each multiplication. Then solve. I have already done the first two for you.

Hints: The area of a rectangle, the length resulting from stretching or shrinking a dimension, a fractional part, and a percentage of a quantity are all calculated by multiplying.

a. $1.28 \cdot 250$

Marsha drew a square on the computer with sides 250 pixels long. Then she stretched it so that the sides became 128% of the sides of the original square. How long are the sides now?

(solve the problem)

b. $(3/5) \cdot 4.30$

A toy that costs \$4.30 is discounted by $2/5$ of its price. What is the new price?

(solve the problem)

c. $(9/10) \cdot 2,100 \text{ m}$

d. $0.65 \cdot 19.90$

e. $(2/3) \cdot (3 \frac{1}{2})$

f. $0.9 \cdot 0.2$

g. $(1/2) \cdot 1.6$