

Math 35 Friday Worksheet 2

1. A box has a height of 4 inches and a width of 10 inches. If its volume is 240 cubic inches, find its length.

2. Baseboard molding will be placed where the walls connect to the floor in a room that has width 10 feet and length 12 feet. There's a 4-foot doorway into the room. A 6-foot length of molding costs \$12. How many pieces of molding are needed? How much will it cost?

3. Fill in the blank with $<$, $>$ or $=$:

a. -2 -6

b. -9 4

4. Evaluate $-|-7|$.

5. Simplify:

a. $-12 + 3$

b. $4 + (-7) + 6 + (-10)$

c. $-5 - (-10)$

d. $3 - 9$

e. $(-4)(-17)$

f. $\frac{65}{-13}$

6. Solve:

a. $18 + n = 12$

b. $x + 16 = 0$