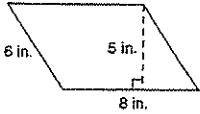
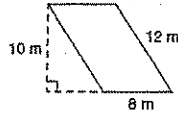


HW 10 Practice Quiz III 12.1.14

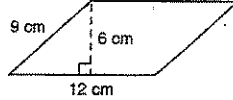
*1) Find area.



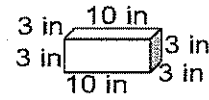
*2) Find area.



3) Find perimeter.



4) Find volume.



Show if 6 is a solution of each equation: 5) $x - 6 = 12$ 6) $y^2 = 12$ 7) $5n + n^2 = 66$

Write the prime factorization of each number: 8) 90 9) 65 10) 42 11) 120

Simplify each fraction. (This includes simplifying improper fractions.)

12) $\frac{35}{50}$

13) $\frac{9}{2}$

14) $\frac{7}{3}$

15) $\frac{14}{4}$

16) $\frac{24}{36}$

17) $\frac{60}{200}$

*18) Plot and connect these points in order: A(-3, 3); B(0, 3); C(0, -1); D(-3, -1).

*19) Find the length of segment DC.

*20) Find the area of your figure.

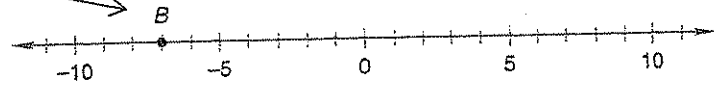
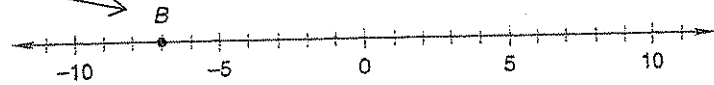
*21) Find the perimeter of your figure.

*22) Find the length of segment BC.

*23) Find the value of point B on the number line.

*24) Plot and label these points on the number line:

$C = 7, D = -3, E = 3\frac{1}{2}, F = -\frac{1}{2}$



*25) $\frac{2}{7} = \frac{\square}{35}$

*26) $\frac{5}{8} = \frac{30}{\square}$

27) $\frac{3}{5} + \frac{1}{2}$

28) $\frac{3}{4} + \frac{3}{4} + \frac{3}{4}$

29) $\frac{1}{4} + \frac{2}{3}$

30) $\frac{5}{6} - \frac{1}{2}$