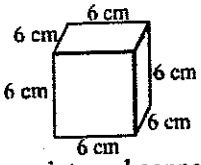
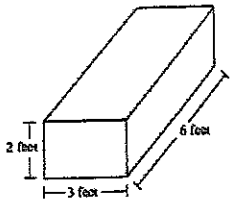
4 11.18.14

HW [redacted]

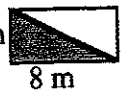
Find volume: 1)

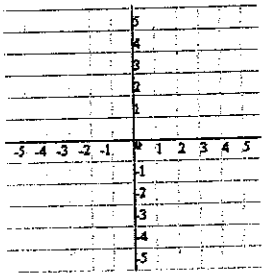


2)



3) Find shaded area.





***4)** Plot the points and connect in order: E = (-1, 4), F = (1, 4), G = (1, -1), H = (-1, -1) .

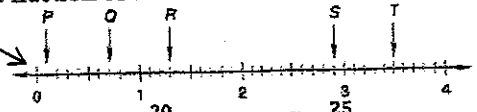
***5)** Find the area of your polygon.

***6)** Find the perimeter of your polygon.

***7)** Find the length of segment GH.

8) What fraction of a dollar is a nickel?

***9)** Find P, Q, R, S and T on the number line.



Simplify – if possible.

10) $\frac{25}{40}$ **11)** $\frac{12}{30}$ **12)** $\frac{35}{42}$ **13)** $\frac{21}{36}$ **14)** $\frac{20}{150}$ **15)** $\frac{25}{300}$

Evaluate when a = 2, b = -3, c = 4 and d = -5.

16) $\frac{9a}{2c+d}$ **17)** $d + ca + b$ **18)** ac^2 **19)** $b + a[20 \div (c + b)]$

Solve each equation. You may use Guess & Check.

***20)** $n + 12 = 40$ ***21)** $\frac{50}{m} = 2$ ***22)** $4u = 300$ ***23)** $\frac{w}{3} = 30$

***24)** List three fractions equivalent to $\frac{3}{5}$.

25) Which is greater: $\frac{2}{3}$ or $\frac{3}{4}$? Prove it!

Find the prime factorization.

26) 50 **27)** 28 **28)** 60 **29)** 45 **30)** 64 **31)** 200