Math Concepts HW 12 4.22.15

Find the area of each figure.

1)

2 m / 1.8 m / 2.5 m

2)

4m, 3m, 3m, 9m

3)

5, 4, 5, 3, 9 inches
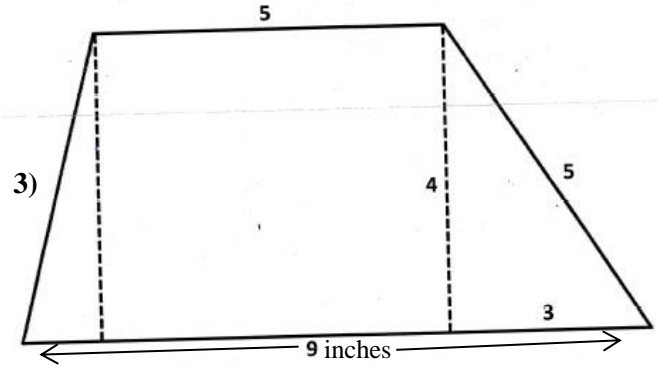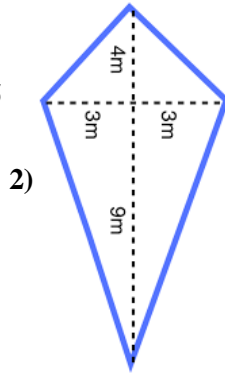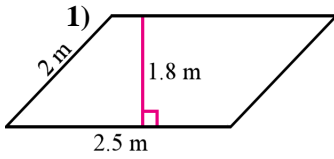
Graph each inequality on a number line. **4)** $x \geq 5$ **5)** $y < -2$ **6)** $z \geq -1\frac{1}{2}$

True or False? Is it a solution for the inequality $x < 1$?   **7)** $x = 0$ **8)** $x = \frac{17}{20}$ **9)** $x = -99$

Solve.   10) $x + 3.7 = 35$ **11)** $y \div 0.8 = 9.2$ **12)** $w \div \frac{4}{5} = \frac{1}{2}$ **13)** $\frac{1}{8}n = 20$ **14)** $0.8n = 20$

Simplify.   15) $r + r + 3q - 2r$ **16)** $4(3n + m - n)$ **17)** $3 + 7(12 - 8 + 2)$ **18)** $10^3 - 1^4$

19) I ordered a $40 meal at Pastinis and add a 20% tip for excellent service. How much is my total bill?

20) Amazon sells books at 30% off the regular price. If *Order of the Phoenix* regularly sells for $13, then find the Amazon sale price.