Math Concepts HW 19 3.16.15 **Practice Quiz V**
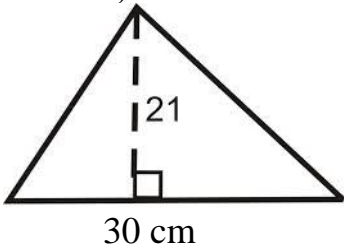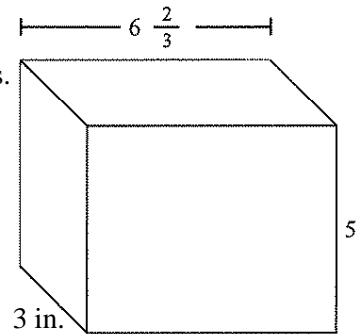
1) Find the area.   **2)** Find the area, in m.   **3)** Find the volume in inches.
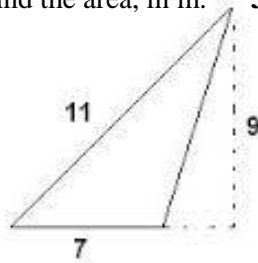
21

30 cm

11   9

7

$6\frac{2}{3}$

5

3 in.

Write the inequality: 4)

−42 −41 −40 −39 −38 −37 −36

5)
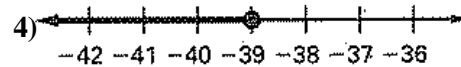
-5 -4 -3 -2 -1 0 1 2 3 4 5
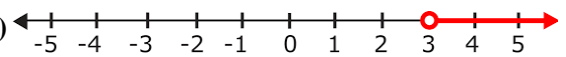
Mrs. Mulligan has 1 roll of green tape and 9 rolls of blue tape. Write each ratio 3 ways.

6) Ratio of blue to green tape   **7)** Ratio of green to blue tape   **8)** Ratio of blue tape to total rolls of tape

9) The ratio of blue marbles to red marbles is 3:4. If I have 24 blue marbles, how many red marbles?

10) The ratio of hardbacks to paperbacks in the bookstore was 5 to 2. If there were 600 paperbacks, how many hardbacks were in the bookstore?

Change each decimal to a fraction. 11) 0.09   **12)** 0.4   **13)** 0.35   **14)** 0.011

Change each fraction to a decimal. 15) $\frac{3}{100}$ **16)** $\frac{3}{20}$ **17)** $\frac{5}{8}$ **18)** $\frac{7}{9}$ **19)** $\frac{1}{11}$

Evaluate.

20) $0.08 \cdot 0.08$ **21)** $0.12 \cdot 0.3$ **22)** $(0.11)(0.009)$ **23)** $10 \cdot 0.6$

24) $0.08 + 0.08$ **25)** $0.12 + 0.3$ **26)** $0.11 - 0.009$ **27)** $10 - 0.6$