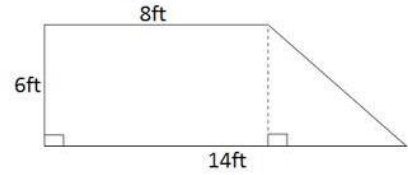
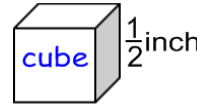
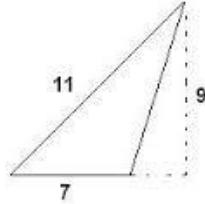
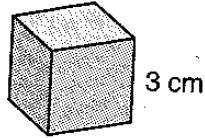
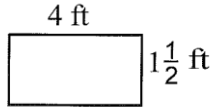


Math Concepts HW 13 2.25.15

1) Work on MobyMax Fact Master for ten minutes, or until you reach 100% on the DIVISION Thermometer. There will be a ÷ facts quiz in class on Thursday 2.26.

2) Find the area. 3) Find the volume. 4) Find the area in ft. 5) Find the volume. 6) Find the area.



Simplify each algebra expression.

7) $5n + 6m - n + m$

8) $-7 + 9y + 10 + 5$

9) $8(5 - x)$

10) $3(4x + 20)$

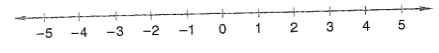
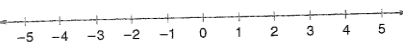
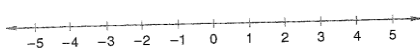
11) $5(2y + 3x + x)$

Graph each inequality:

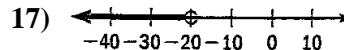
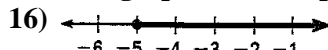
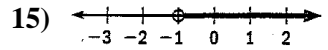
12) $x < -2$

13) $x \geq 1$

14) $x < 3$



Write the inequality shown on each graph. You can pick the letter to use for your variable.



Is "x < 2" true for each number?

18) 0

19) -3

20) $\frac{8}{9}$

21) 2

22) $\frac{13}{5}$

Write an algebra expression for each phrase.

23) the sum of 12 and r

24) the product of m and 2

25) n squared

26) j cubed

Evaluate when x = 0.01 , y = 0.5 and z = 0.25

27) x^2

28) y^2

29) xy

30) yz