Parent Signature: _____   Name: _____
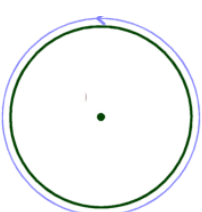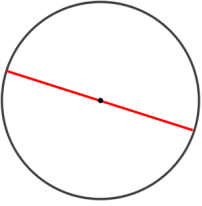
Date: _____

6ᵗʰ Grade Practice Sheet 18

Show all work - *NO CALCULATORS!*

1. Order from least to greatest.		6. Order from least to greatest.	
$0.57, \dfrac{3}{4}, 20\%, \dfrac{1}{6}$		$0.823, 0.8, 0.98, 0.801$	
2 Order from least to greatest.		7. Order from least to greatest.	
$\dfrac{1}{10}, \dfrac{1}{4}, \dfrac{3}{5}, \dfrac{3}{9}$		$\dfrac{5}{8}, 0.623, \dfrac{2}{3}, 60\%$	
3. Evaluate		8. Evaluate	
$7 + (2 + 3)^3$		$4\dfrac{3}{5} - \dfrac{3 \cdot 4}{5}$	
4. Find the product of		9. Find the product of	
8.375 and 23		4.8 and 54.5	
5. Find the product & simplify of		10. Find the product & simplify of	
$\dfrac{8}{25} \; and \; \dfrac{7}{8}$		$2 \; and \; 2\dfrac{5}{6}$	

11. Convert: 1 lb = ? oz		16. What is the line called?	

12. Convert: 7 lb 8 oz = ? oz	17. What is a circle's perimeter?

13. Convert: 223 oz = ? lb ?oz	18. What is this line called?

14. Convert: 9 lb 8 oz = ? oz	19. Convert. 7 pt = ? qt. ? pt

15. Convert 12 qt = ? gal	20. Convert 13 ft = ? yd, ? ft

Show how you made your choice.

21) If you jump from point to point in alphabetical order, what is true of the y-coordinates?
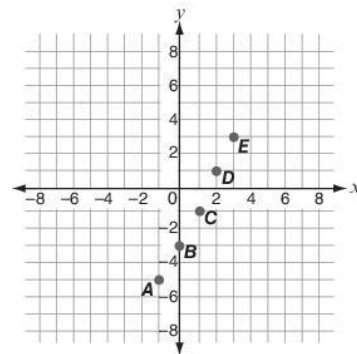
    a. They change by a different amount every time.

    b. They always increase by 1.

    c. They always increase by 2.

    d. They always decrease by 2.

22) Alejandro used a 36-foot-long extension cord. How long is the extension cord in yards?

    a. 12 yards   b. 18 yards

    c. 36 yards   d. 108 yards

23) A paper clip has a mass of 4 grams. What is the mass of the paper clip measured in kilograms?

    a. 0.004 kg   b. 0.04 kg

    c. 40 kg   d. 4000 kg

24) Complete the T-chart by filling in the missing place.

n	n^3
2	8
4	64
6	
8	512

    a. 18   b. 36

    c. 108   d. 216
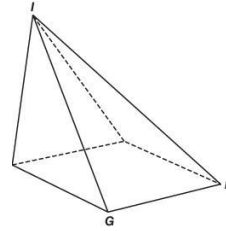
25) What is the value of the expression below when $a = 0.02$, $b = 0.6$, and $c = 0.03$?

$$a(b \div c)$$

    a. 0.00004   b. 0.04

    c. 0.0004   c. 0.4

26) In the figure below, what is *G*?

   a. face
   b. edge
   c. vertex
   d. median

27) David discovered that $\frac{3}{4}$ of the 432 members of his book club bought the December book selection. Which is the **closest** to the number of members who bought the December book selection?

   a. 7 members
   b. 25 members

   c. 100 members
   c. 300 members

28) Julie likes to in-line skate at River Park, which has a sidewalk that is 6.2 kilometers in length. How many meters (m) long is the sidewalk?

   a. 62 m
   b. 620 m

   c. 6,200 m
   d. 62,000 m

29) Which set contains numbers that are listed in order from least to greatest?

   a. $0.5, 0.75, \frac{1}{4}$
   b. $0.75, 0.5, \frac{1}{4}$

   c. $\frac{1}{4}, 0.5, 0.75$
   d. $\frac{1}{4}, 0.75, 0.5$

30) What is the measure of side *DF* in triangle *DEF* ?

   a. 1
   b. 5

   c. 8
   d. 27