

Name: _____

(Hour) _____

Date Due: _____

6th Grade Practice Sheet 18

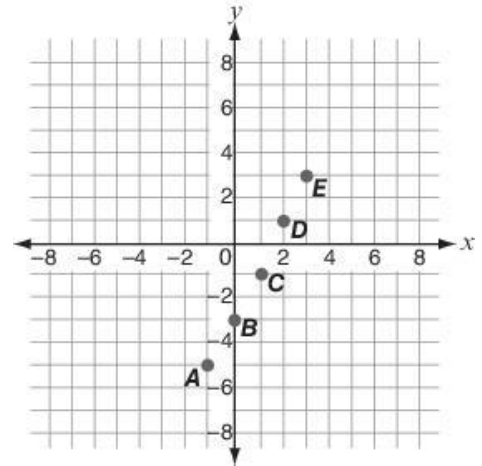
Show all work

<p>1. Order from least to greatest.</p> $0.57, \frac{3}{4}, 0.2, \frac{1}{6}$		<p>6. Order from least to greatest.</p> $0.23, -0.8, -0.98, 0.801$	
<p>2. Solve</p> $x - 35 = 18$		<p>7. Evaluate</p> $20 - 6 \div \frac{3}{8}$	
<p>3. Solve</p> $15 + x = 50$		<p>8. Evaluate</p> $\frac{4}{9} \cdot \frac{1}{3} + 5^3$	
<p>4. Evaluate</p> $7 + (2 + 3)^2$		<p>9. Evaluate when $n = 6.3$</p> $n^2 - 13$	
<p>5. Find the product & simplify of</p> $\frac{8}{25} \text{ and } \frac{7}{8}$		<p>10. Evaluate</p> $\frac{1}{2}(8^2) + 3 \cdot 7$	

<p>11. Simplify.</p> $3(2x - 5)$		<p>16. Evaluate.</p> $-23 + 14(5) - 2(30)$	
<p>12. Simplify.</p> $4(5 + 3y) - 12$		<p>17. Evaluate.</p> $45 + (-18) - (-10)$	
<p>13. Simplify.</p> $6(8 - 3 + 4x)$		<p>18. Solve each equation:</p> $4x = 52$	$1.2x = 72$
<p>14. Simplify.</p> $2(3n + 8 + 5n)$		<p>19. Solve each equation:</p> $\frac{x}{8} = 15$	$\frac{x}{5} = 2.13$
<p>15. Evaluate</p> $\frac{2}{3} + \frac{2}{5} - \frac{5}{6}$		<p>20. Solve each equation:</p> $x + 2.4 = 10$	$x - 3.1 = 9$

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) Tony has twice as many comic books as Rosa. Rosa has $\frac{2}{5}$ the number of comic books that Michael has. Michael has 15 comic books. How many comic books does Tony have?

- a. 6
- b. 12
- c. 21
- d. 30

23) There are 592 students at Stillwater Middle School. On Friday, $\frac{2}{3}$ of students wore their school spirit shirts. Which is **closest** to the number of students who wore school spirit shirts?

- a. 100 students
- b. 200 students
- c. 300 students
- d. 400 students

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

- a. 18
- b. 36
- c. 108
- d. 216

n	n^3
2	8
4	64
6	
8	512

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
- d. 0.4

26) A recipe makes $2\frac{2}{3}$ cups of gravy. If Sean wants to pour the gravy of equal amounts into 6 containers, how much should each container hold?

a. $\frac{1}{16}$ cup

b. $\frac{2}{3}$ cup

c. $\frac{4}{9}$ cup

d. $3\frac{1}{6}$ cup

27) Chuck cut an entire length of rope into 28 pieces, each $1\frac{1}{2}$ feet (ft) long. What was the length of the rope before Chuck cut it?

a. 14 ft

b. 21 ft

c. 32 ft

d. 42 ft

28) Anne bought 3 hats for \$19.50. Which equation could be used to find the cost of each hat?

a. $3x = \$19.50$

b. $\$19.50x = 3$

c. $\$19.50 - x = 3$

d. $\frac{x}{\$19.50} = 3$

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

a. $-0.5, 0.75, -\frac{1}{4}, \frac{1}{2}$

b. $0.75, -0.5, -\frac{1}{4}, \frac{1}{2}$

c. $-0.5, -0.25, \frac{1}{2}, 0.75$

d. $-0.25, -0.5, \frac{1}{2}, 0.75$

30) What is the value of s if $r = 12$? $\frac{r}{3} + 12 = s$

a. 8

b. 12

c. 16

d. 24