

Name: _____

Hour _____

Date Due: _____

6th Grade Practice Sheet 14

Show all work

<p>1. Write an integer for the situation.</p> <p>a \$5 discount</p>		<p>6. Write an integer for the situation.</p> <p>gain of 6 yards</p>	
<p>2. Evaluate</p> <p>$-14 - 3$</p> <p>$-14 + 3$</p>		<p>7. Factor and express as a product of prime factors with exponents.</p> <p>64</p>	
<p>3. Evaluate</p> <p>$16 - 25$</p> <p>$16 - (-25)$</p>		<p>8. Find the quotient:</p> <p>$\frac{1}{2} \div \frac{1}{3}$</p>	
<p>4. Write the fraction as a decimal</p> <p>$\frac{9}{20}$</p>		<p>9. Find the quotient:</p> <p>$\frac{2}{7} \div 7$</p>	
<p>5. Find the sum.</p> <p>$3\frac{3}{4}$ and $\frac{11}{12}$</p>		<p>10. Find the difference.</p> <p>$3\frac{4}{5}$ and $1\frac{3}{4}$</p>	

<p>11. Find the product 8.5 and 42</p>		<p>16. Find the quotient 86.25 and 4</p>	
<p>12. Estimate the product of: 19.326 and 4.652</p>		<p>17. Estimate the quotient of: 364.2 and 3.977</p>	
<p>13. Find the product: 16.2 and 8.56</p>		<p>18. Find the quotient: 3.34 and 0.12</p>	
<p>14. Find the product:</p> $\frac{3}{4} \times \frac{1}{2}$		<p>19. Find the product:</p> $\frac{2}{9} \times 3$	
<p>15. One fifth of today's college students began using computers between the ages of 5 and 8. If a college has 3,500 students, how many of the students began using computers between the ages of 5 and 8?</p>		<p>20. If you practice a musical instrument each day for $\frac{2}{3}$ of an hour, how many hours of practice will you get in the month of January?</p>	

Show how you made your choice.

21) If ground beef costs \$4.99 per pound, what is the cost of $2\frac{3}{4}$ pounds?

- a. \$1.81 b. \$11.48
c. \$11.98 d. \$13.73

22) If Dorothy drank $\frac{1}{4}$ of a 2 liter bottle of soda, how much did she drink?

- a. $\frac{1}{2}$ liter b. 1 liter
c. $1\frac{1}{2}$ liters d. 2 liters

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

- a. 5 b. 8
c. 10 d. 14

n	$2n^2$
1	2
4	32
	200
15	450

24) Find the pattern in the sequence. What are the next four numbers: 7, 12, 9, 14, 11, 16?

- a. 11, 16, 9, 14 b. 13, 18, 15, 20
c. 15, 20, 17, 22 d. 21, 18, 23, 20

25) Point K is located $(-3, 8)$ on a coordinate plane. In which quadrant is point K located?

- a. quadrant IV b. quadrant III
c. quadrant II d. quadrant I

26) A bag of suckers costs \$2.76 and there are 12 suckers in the bag, how much does each sucker cost?

- a. \$0.13 b. \$0.18
c. \$0.23 d. \$0.34

27) Look at the series of figures and their perimeters. What would be the perimeter of the fifth figure in the series?

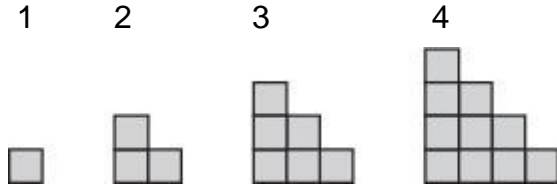


Figure 1 has perimeter 4

Figure 2 has perimeter 8

Figure 3 has perimeter 12

Figure 4 has perimeter 16

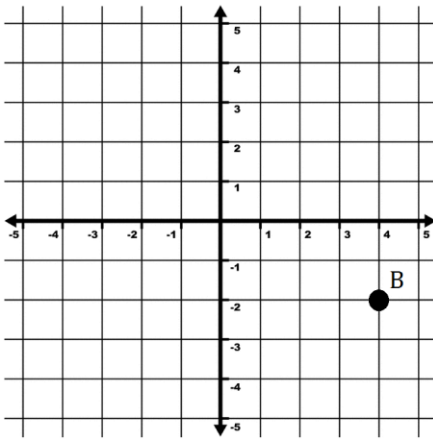
a. 18

b. 20

c. 22

d. 24

For problems 28 – 30 use the following graph.



28) Write the coordinates of Point B.

29) Reflect Point B over the X – Axis, what are the new coordinates?

30) Reflect Point B over the Y – Axis, what are the new coordinates?
