

Name: _____

(Hour)

Date Due: _____

6th Grade Practice Sheet 15

Show all work

1. Evaluate. $29.7 - 5.432 + 12.6$		6. Evaluate. $14 \div 0.7 + 1.6 \cdot 8$	
2. Evaluate. $20 - 6 \div \frac{3}{8}$		7. Evaluate. $\frac{4}{9} \cdot \frac{1}{3} + 5^3$	
3. Find the quotient & simplify. $\frac{7}{8} \div 4$		8. Evaluate when $z = 0.072$ $8z - 0.081$	
4. Find the quotient & simplify. $1\frac{1}{2} \div 2\frac{1}{4}$		9. Evaluate when $n = 2.7$ $3.7n - 3.79$	
5. Estimate by rounding to the nearest whole number $6.16 \times 8.8 \div 2.91$		10. Estimate by rounding to the nearest whole number $24.45 \div 3.62 \times 5.9$	

<p>11. Find the absolute value.</p> $ -2 - 5 $		<p>16. Evaluate</p> $-15 - 6$	
<p>12. Find the absolute value.</p> $ -14 $		<p>17. Evaluate</p> $9 - 37$	
<p>13. Solve.</p> $ 6 - (-14)$		<p>18. Evaluate</p> $-12 + 19$	
<p>14. Simplify.</p> $ -18 + 58$		<p>19. Find the product</p> $4\frac{4}{5} \cdot 3\frac{1}{8}$	
<p>15. Find the quotient</p> $8\frac{1}{10} \div \frac{27}{55}$		<p>20. Find the quotient</p> $9\frac{3}{8} \div \frac{15}{32}$	

Show how you made your choice.

21) If 1 gram of bacteria doubles itself every day for ten days, how many grams of bacteria will there be on the eighth day?

- a. 18 grams
- b. 64 grams
- c. 128 grams
- d. 512 grams

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) Martin is going to make a cake using the choices shown in the table. How many different cakes can Martin make using one cake flavor, one icing type, and one sprinkle color?

Cake Flavor	Icing Type	Sprinkle Color
chocolate	maple	red
vanilla	white	blue
strawberry	yellow	

- a. 18 different cakes
- b. 12 different cakes
- c. 8 different cakes
- d. 3 different cakes

24) Simplify: $3(6 \times 7 - 9) \div 11 - 5$

- a. 6
- b. 1
- c. 4
- d. 19.5

25) An 8-ounce can of soup costs \$1.68. What is the price for each ounce?

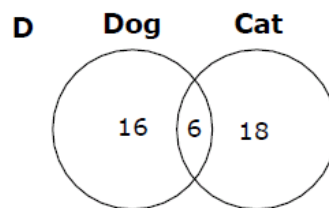
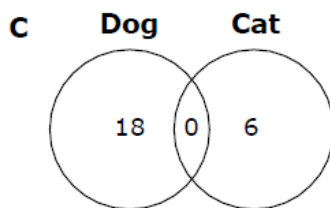
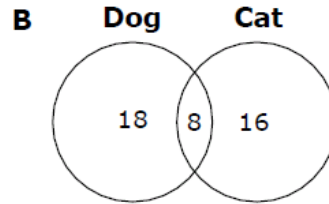
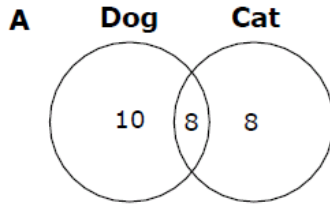
- a. \$0.20
- b. \$0.21
- c. \$0.22
- d. \$0.23

26) Half of the students in a class are girls. One-half of the girls have blue eyes. If there are 5 girls with blue eyes, how many students are in the class?

- a. 5
- b. 10
- c. 15
- d. 20

27) James surveyed 26 of his classmates who own at least one dog or cat. The table shows the results. Which Venn diagram matches the information?

Pets	Number of Classmates
Dog	18
Cat	16



28) 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

29) 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

30) 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