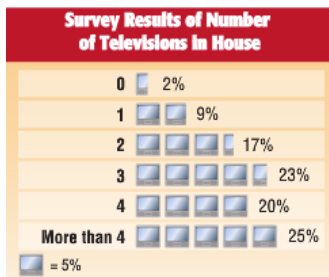


NAME \_\_\_\_\_ PERIOD \_\_\_\_\_ SCORE \_\_\_\_\_ 5.2 N

$$\frac{\text{is}}{\text{of}} = \frac{\%}{100}$$

$$\frac{\text{Part}}{\text{Whole}} = \frac{\%}{100}$$

1. Find 5% of 300.
2. Find 40% of 70.
3. Find 75% of 280.
4. Find 120% of 75.
5. What percent of \$15 is \$9?
6. What percent of 25 is 20?
7. \$12.75 is what percent of \$50?
8. What number is 40% of 120?
9. What number is 5% of 60?
10. 12% of 85 is what number?
11. 18 is 25% of what number?
12. 40% of what number is 26?
13. Mr. Sand earned a 4% commission on the sale of a hot tub that cost \$3,755. How much did he earn?
14. If 275 students took the survey, how many can be expected to have 3 TV's in their houses?



15. The average adult male Western Lowland gorilla eats about 33.5 pounds of fruit each day. How much food does the average adult male gorilla eat each day?

Western Lowland Gorilla's Diet	
Food	Percent
Fruit	67%
Seeds, leaves, stems, and pith	17%
Insects/ insect larvae	16%

16. What is 14% of 150?

19. What percent of 40 is 9?

17. Find 50% of 70.

20. 39 is 84% of what number?

18. 21 is what percent of 40?

21. 26% of what number is 45?

22. John scored a 55/60 on his last test. What was his percentage?

23. Jane scored a 45.5/55 on her last assignment. What percentage is this?

24. Jake really wants to get an A on his next test. He needs to score a 94% to get an A. If the test has 80 possible points, how many problems must he answer correctly?

25. Will wants to save 12% of his income each month. If Will earns \$2250 a month, how much should he put into savings?

26. Bob conducted a survey at his school for a science project. He surveyed a total of 144 students. He asked the students their eye color. Here are his results:

Brown eyes: 47%

Blue eyes: 35%

Green Eyes: 18%

How many students had each eye color?

27. Kevin earned \$890 this summer mowing lawns. He already spent 55% of his earnings on a summer camp. He also put 33% in savings. How much money does Kevin have left?

**Find each number.**

1. 20% of 70
2. 92 is 28.2% of what number?
3. 60% of 68 is what number?
4. 25% of 96 is what number?
5. 8 is what percent of 40?
6. 24% of 60
7. What number is 8% of 50?
8. 52 is what percent of 260?
9. 30 is 75% of what number?
10. What is 15% of 24?
11. Tim answered 90% of the questions on his math test correctly. There were 50 questions on the test. How many questions did Tim answer correctly?
12. Jerry made 40 treats for his birthday. He gave 4 away to his family before taking the rest to school. What percent did he give away to his family?

Show how you found your answer of the following questions.

13) Find 17.5% of 63.

14) 170 is what percent of 185?

15) Find 27% of 2,800.

16) 40 is 14% of what number?

17) 11 is what percent of 94?

18) 82% of 97 is what number?

19) This year John made \$25,000. He put 4% in savings. How much money did John save?

20) Of the entire class, 14 students ate Thanksgiving dinner at home. That was 70% of the whole class.  
How many total students are in the class?

21) Ben scored 57 questions correctly on his math test. His grade was a 75%. How many total questions were on the test?