



ACT COMPASS Preparation Worksheet

Pre-algebra: Percentages

1. What is 40% of 164?
2. 90 is 75% of what?
3. 44 is what percent of 132?
4. What is 85% of 600?
5. 5.5% of what number is 32.01?
6. 1.5 is what percent of 3?
7. What is 50% of 0.01?
8. 16% of what number is 12?
9. $\frac{1}{3}$ is what percent of $\frac{2}{3}$?
10. What is 5% of 34?
11. 0.5% of what is 0.0125?
12. 17 is what percent of 51?
13. 50% of 188 is what?
14. 63% of what is 315?
15. 25 is what percent of 300?
16. Tom scored 28 out of 80 on his spelling test. What percentage did he answer correctly?
17. A store received 7425 oranges and then sold 27 $\frac{1}{2}$ % of them. How many oranges are left?
18. Ten years ago a small town had a population of 4,900. Since that time, it has increased by 24%. What is the current population?
19. Tom saved \$3,762. His sister, June, saved 38% less than Tom. How much did June save?
20. A group of sixth graders collected \$1,990 for a party. They spent 10% of it on decorations, 20% on snacks, and the rest of the money was donated to the library. How much money did the library receive from these sixth graders?
21. 46 students went on a field trip; this group accounted for 70% of the total number of kids in the first grade. Find the total number of first graders.
22. A store spent 11% of its monthly profits remodeling the store. This remodeling cost them \$1,500. What was the store's monthly profit?