

**Finding a Number  
When a Percent Is Known**

name \_\_\_\_\_

Find each answer.

1. 60% of what  
number is 27? \_\_\_\_\_

2. 80% of what  
number is 20? \_\_\_\_\_

3. 75% of what  
number is 54? \_\_\_\_\_

4. 18% of what  
number is 81? \_\_\_\_\_

5. 6% of what  
number is 24? \_\_\_\_\_

6. 3% of what  
number is 96? \_\_\_\_\_

7. 28 is  $12\frac{1}{2}\%$  of  
what number? \_\_\_\_\_

8. 42 is  $17\frac{1}{2}\%$  of  
what number? \_\_\_\_\_

9. 74 is  $33\frac{1}{3}\%$  of  
what number? \_\_\_\_\_

10. 78 is 130% of  
what number? \_\_\_\_\_

11. 497 is 142% of  
what number? \_\_\_\_\_

12. 5.74 is 7% of  
what number? \_\_\_\_\_

13. 140% of what  
number is 483? \_\_\_\_\_

14.  $28\frac{1}{3}\%$  of what  
number is 17? \_\_\_\_\_

15. 16 is 0.5% of  
what number? \_\_\_\_\_

**Problem Solving: Percent**

name \_\_\_\_\_

Find the missing numbers.

**Free Throw Shooting Percentage**

Name	Attempts	Baskets	Percent
Olin	40	20	1.
Sol	92	69	2.
Per	72	3.	75%
Phil	4.	10	20%
Ishi	42	5.	$66\frac{2}{3}\%$
Bart	6.	15	37.5%
David	60	7.	70%

**Field Goal Shooting Percentage**

Name	Attempts	Baskets	Percent
Olin	188	8.	25%
Sol	9.	132	55%
Per	150	10.	52%
Phil	96	72	11.
Ishi	188	12.	75%
Bart	13.	188	80%
David	14.	54	75%

Find each answer.

15. Mark is on a debate team. In their first debate, his team scored 352 points. He scored 88 points. What percent of his team total did he score?
- \_\_\_\_\_

16. In the first round, Ann and her partner scored 28 points. This was 25% of their total. How many points did they score in the whole match?
- \_\_\_\_\_

17. In 2 years, the team has won 80% of its 15 debates. How many debates have they won?
- \_\_\_\_\_

18. In Round 1 of the debate, Mark's goal was 25 points. He scored 18. What percent of his goal did he score?
- \_\_\_\_\_