

### Finding a Percentage of a Number (Experienced)

Find the indicated percentage of each number.

1) Find 32% of 40.

6) What is 3% of 60?

2) Find 30% of 27.

7) What is 55% of 42?

3) What is 85% of 160?

8) What is 1% of 44?

4) Find 16% of 12.

9) What is 97% of 54?

5) What is 5% of 44?

10) What is 128% of 90?

Find the indicated percent of a number. Round to the nearest hundredth.

11) What is 2.5% of 7?

16) Find 74% of 0.654

12) What is 0.4% of 147?

17) What is 63.4% of 79?

13) What is 11.3% of 62?

18) What is  $33\frac{1}{3}\%$  of 51?

14) What is 94% of 4.57?

19) What is  $66\frac{2}{3}\%$  of 84?

15) Find 117.8% of 29.

20) Find 154% of 33.

21)Of the 25 students in Kate’s Math class, 60% are currently sleeping. How many students are sleeping?

22)Janice works from home about 75% of the time. In an average month, how many of the 22 work days would she probably be at home?

23)Marcus is a car salesman. Marcus’s sales goal for the month of September was 30 cars. Marcus sold 120% of his goal. How many cars did Marcus sell?

Use the table to the right to answer #24-26

24)If there were 22,700 chefs in South Caroline in 1993, how many of them were likely to be male?

25)If there were 143 veterinarians in Collier County in 2018, how many of them were probably female?

| Traditionally Male Dominated |                                  |                                  | Traditionally Female Dominated |                                    |                                    |
|------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------------|------------------------------------|
| Career Field                 | Males, as a % of Employees, 1993 | Males, as a % of Employees, 2018 | Career Field                   | Females, as a % of Employees, 1993 | Females, as a % of Employees, 2018 |
| Chef                         | 92.3                             | 81.3                             | K/12 Teacher                   | 72.9                               | 77.3                               |
| CDL Driver                   | 94.7                             | 94.1                             | Nurse                          | 92.8                               | 91.0                               |
| Construction Worker          | 99.0                             | 98.9                             | Secretary                      | 95.3                               | 94.6                               |
| Carpenter                    | 87.3                             | 88.1                             | Childcare Worker               | 96.8                               | 96.9                               |
| Plumber                      | 98.7                             | 98.5                             | Veterinarian                   | 55.1                               | 65.2                               |
| CEO                          | 98.9                             | 76.3                             | Social Worker                  | 86.2                               | 83.1                               |

**ANSWERS:** 1) 12.8   2) 8.1   3) 13.6   4) 1.92   5) 2.2   6) 1.8   7) 23.1   8) 0.44   9) 52.38  
10) 115.2   11) 0.18   12) 0.59   13) 7.01   14) 4.30   15) 34.16   16) 0.48   17) 50.09   18) 17  
19) 56   20) 50.82   21) 15 students   22) 17 days   23) 36 cars   24) 20,952   25) 93