

# Enrich

## Using 100%, 10%, and 1%

Many people think of 100%, 10%, and 1% as *key percents*.

100% is the **whole**.

$$100\% \text{ of } 24 = 1 \times 24 \text{ or } 24.$$

10% is **one tenth** of the whole.

$$10\% \text{ of } 24 = 0.1 \times 24 \text{ or } 2.4.$$

1% is **one hundredth** of the whole.

$$1\% \text{ of } 24 = 0.01 \times 24 \text{ or } 0.24.$$

### Find the percent of each number.

1. 100% of 8,000

2. 10% of 8,000

3. 1% of 8,000

4. 10% of 640

5. 100% of 720

6. 1% of 290

7. 1% of 50

8. 100% of 33

9. 10% of 14

10. 100% of 2

11. 1% of 9

12. 10% of 7

This is how you can use the key percents to make some computations easier.

$$3\% \text{ of } 610 = \underline{\quad? \quad}.$$

$$5\% \text{ of } 24 = \underline{\quad? \quad}.$$

$$1\% \text{ of } 610 = 6.1$$

$$10\% \text{ of } 24 = 2.4$$

$$\text{So, } 3\% \text{ of } 610 = 3 \times 6.1 \text{ or } 18.3.$$

$$\text{So, } 5\% \text{ of } 24 = \frac{1}{2} \text{ of } 2.4 \text{ or } 1.2.$$

### Find the percent of each number.

13. 2% of 140

14. 8% of 2,100

15. 4% of 9

16. 20% of 233

17. 70% of 90

18. 30% of 4,110

19. 5% of 160

20. 5% of 38

21. 50% of 612

22. 25% of 168

23. 2.5% of 320

24. 2.5% of 28