

## FINDING WHAT PERCENT

Change to a percent.

(1)  $.25 =$  \_\_\_\_\_

(2)  $.3 =$  \_\_\_\_\_

(3)  $.03 =$  \_\_\_\_\_

(4)  $.9 =$  \_\_\_\_\_

(5)  $.09 =$  \_\_\_\_\_

(6)  $.5 =$  \_\_\_\_\_

(7)  $.05 =$  \_\_\_\_\_

(8)  $.1 =$  \_\_\_\_\_

(9)  $.01 =$  \_\_\_\_\_

(10)  $.625 =$  \_\_\_\_\_

(11)  $.8 =$  \_\_\_\_\_

(12)  $.08 =$  \_\_\_\_\_

Change from  
**fractions** to **decimals** to **percents.**

(13)  $\frac{1}{4} =$  \_\_\_\_\_  $=$  \_\_\_\_\_

(14)  $\frac{3}{4} =$  \_\_\_\_\_  $=$  \_\_\_\_\_

(15)  $\frac{1}{2} =$  \_\_\_\_\_  $=$  \_\_\_\_\_

(16)  $\frac{1}{5} =$  \_\_\_\_\_  $=$  \_\_\_\_\_

(17)  $\frac{3}{5} =$  \_\_\_\_\_  $=$  \_\_\_\_\_

(18)  $\frac{7}{10} =$  \_\_\_\_\_  $=$  \_\_\_\_\_

- (19) Pat pays \$400 in rent.  
His total salary is \$2000.  
What percent of his salary is his rent?

- ① 2%
- ② 12%
- ③ 20%
- ④ 25%
- ⑤ 30%

- (20) Jim has a total of 30 students  
in math class.  
3 are absent.  
What percent are absent?

- ① 3%
- ② 10%
- ③ 70%
- ④ 75%
- ⑤ 80%

- (21) Henry borrowed a total of \$2000. He  
has paid \$1000 on his loan. What  
percent has he paid?

- ① 1%
- ② 5%
- ③ 50%
- ④ 55%
- ⑤ 60%

- (22) Cecilia spent June, July, and August in  
Puebla, Mexico.  
What percent of the total year did she  
spend in Puebla, Mexico?

- ① 2%
- ② 25%
- ③ 45%
- ④ 48%
- ⑤ 50%

## FINDING WHAT PERCENT

- (23) 200 total students are enrolled during the summer at ASC. 180 are female. What percent are **male**?
- ① 1%
  - ② 10%
  - ③ 90%
  - ④ 92%
  - ⑤ 95%
- (24) There are a total of 24 employees at Mission Deli. 18 of them are at work today. What percent of the employees are **at work**?
- ① 25%
  - ② 50%
  - ③ 75%
  - ④ 80%
  - ⑤ 90%
- (25) Joe makes a total of \$150 a week. He got a raise of \$12 a week. What percent of his original salary is his **raise**?
- ① 8%
  - ② 80%
  - ③ 90%
  - ④ 92%
  - ⑤ 95%
- (26) Flora wants to buy a coat that is priced at \$48. She has already saved \$30. What percent of the price of the coat has she **saved**?
- ① 62.1%
  - ② 62.2%
  - ③ 62.5%
  - ④ 70%
  - ⑤ 75%
- (27) Matthew got 36 problems right out of a total of 40 problems on a test. What percent of the problems did he get **right**?
- ① 9%
  - ② 30%
  - ③ 40%
  - ④ 90%
  - ⑤ 95%
- (28) Martha's total loan is \$350. The interest is \$28. The **interest** is what percent of Martha's loan?
- ① 8%
  - ② 18%
  - ③ 80%
  - ④ 85%
  - ⑤ 90%
- (29) Carl weighed 180 pounds. After two months of dieting and exercising, he lost 9 pounds. What percent of his weight did he **lose**?
- ① 5%
  - ② 15%
  - ③ 50%
  - ④ 55%
  - ⑤ 65%
- (30) Margaret is reading a book that has a total of 280 pages. If she has already read 70 pages, what percent of the book has she **read**?
- ① 20%
  - ② 25%
  - ③ 75%
  - ④ 78%
  - ⑤ 95%

## FINDING WHAT PERCENT

- (31) The Johnson family spends \$180 a month on rent. If the total monthly income is \$540, what percent of the family's income goes to rent?
- ① 23%
  - ② 33%
  - ③ 39%
  - ④ 45%
  - ⑤ 75%
- (32) There are a total of 20 employees. There are 11 men. What percent of the employees are men?
- ① 15%
  - ② 25%
  - ③ 55%
  - ④ 60%
  - ⑤ 65%
- (33) Carlos owed a total of \$2,000 on his credit card. He has paid back \$1,200. What percent of the loan does he still owe?
- ① 6%
  - ② 40%
  - ③ 60%
  - ④ 70%
  - ⑤ 80%
- (34) The Rivera family makes a total of \$180 a week. The family spends \$45 each week for food. What percent of the family's income goes for food?
- ① 20%
  - ② 25%
  - ③ 35%
  - ④ 40%
  - ⑤ 50%
- (35) George bought a used car last year for \$2,200. This year it decreased in value by \$440. The **decrease** in value is what percent of the original price?
- ① 2%
  - ② 12%
  - ③ 20%
  - ④ 30%
  - ⑤ 35%
- (36) Last year the total population of La Junta was 16,000 people. In one year the population increased by 800 people. The **increase** is what percent of last year's population?
- ① 5%
  - ② 15%
  - ③ 50%
  - ④ 80%
  - ⑤ 85%
- (37) Out of 48 total days, Rachel was sick for 12 days. What percent of the time was she sick?
- ① 25%
  - ② 50%
  - ③ 75%
  - ④ 80%
  - ⑤ 85%
- (38) A foot has a total of 12 inches. **9 inches** is what percent of a foot?
- ① 35%
  - ② 70%
  - ③ 75%
  - ④ 80%
  - ⑤ 90%

## FINDING WHAT PERCENT

- (39) There are 6 black chairs and 18 blue chairs in the classroom. What percent of the chairs are **black**?

① 25%  
② 50%  
③ 85%  
④ 95%  
⑤ 98%

- (40) In the writing class there are 12 girls and 12 boys. What percent of the class are **girls**?

① 5%  
② 50%  
③ 80%  
④ 90%  
⑤ 100%

- (41) The girls' basketball team played a total of 20 games. The team lost 12 games. What percent of the games did the team **win**?

① 4%  
② 40%  
③ 45%  
④ 50%  
⑤ 60%

- (42) Last year an acre of land was valued at \$12,000. This year the value of the land rose to \$15,000. What was the percent of **increase** for the land?

① 20%  
② 25%  
③ 50%  
④ 60%  
⑤ 70%

- (43) George bought a used car last year for \$2000. This year it is only worth \$1600. What was the percent of **decrease** for George's car?

① 10%  
② 15%  
③ 20%  
④ 25%  
⑤ 30%