

Finding Part, Percent, and Whole

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Translate to an equation and solve. When necessary, round to the nearest hundredth.

- 1) What is 40% of 600? 1) _____
A) 2.4 B) 2400 C) 24 D) 240
- 2) What is 4% of \$373? 2) _____
A) \$14.92 B) \$149.20 C) \$11.19 D) \$18.65

Solve the problem.

- 3) 6% of the residents of a city are originally from India. The population of the city is 55,800. How many residents of the city are originally from India? 3) _____
A) 33,480 B) 930,000 C) 93,000 D) 3348
- 4) Juliette forgot to study for a test. Of the 180 questions on the test, she answered only 45% correctly. How many questions did she answer correctly? 4) _____
A) 45 B) 81 C) 85 D) 56
- 5) A camera costs \$550. If the sales tax rate is 4%, how much tax is charged and what is the total price? Round your answers to the nearest cent. 5) _____
A) \$16.50, \$566.50 B) \$27.50, \$577.50
C) \$220.00, \$770.00 D) \$22.00, \$572.00
- 6) Bathing suits are often on sale in July. The regular price of one suit is \$17. With a 20% discount, what is the sale price of the suit? 6) _____
A) \$14.60 B) \$3.40 C) \$12.60 D) \$13.60
- 7) In a clinical study, 15 of the 375 subjects receiving a migraine medication developed side effects. What percentage developed side effects? 7) _____
A) 4% B) 6% C) 3% D) 14%
- 8) In Little League, Andrew hit 7 home runs in 28 at bats. What percent of the at bats were home runs? 8) _____
A) 25% B) 35% C) 30% D) 23%
- 9) Alex and Juana went on a 25-mile canoe trip with their class. On the first day they traveled 17 miles. What percent of the total distance did they canoe? 9) _____
A) 0.68% B) 100% C) 1% D) 68%

Find the whole.

- 10) 62 fish is 40% of what number of fish? 10) _____
A) 155 fish B) 16 fish C) 1550 fish D) 25 fish
- 11) 19 waiters is 3% of what number of waiters? 11) _____
A) 57 waiters B) 63 waiters C) 633 waiters D) 6330 waiters

Answer Key

Testname: FINDING PART, PERCENT, AND WHOLE

- 1) D
- 2) A
- 3) D
- 4) B
- 5) D
- 6) D
- 7) A
- 8) A
- 9) D
- 10) A
- 11) C