

Finding "Total"

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

Translate to a proportion and solve. When necessary, round to the nearest hundredth.

- 1) 41% of what is 82? 1) _____
A) 0.5 B) 50 C) 200 D) 2000
- 2) 36% of what is 72? 2) _____
A) 2000 B) 0.5 C) 50 D) 200
- 3) 32% of what is 64? 3) _____
A) 200 B) 50 C) 2000 D) 0.5
- 4) 86% of what is 77.4 ? 4) _____
A) 43 B) 111 C) 86 D) 90
- 5) 76% of what is 34.2 ? 5) _____
A) 76 B) 222 C) 19 D) 45
- 6) 54 is 120% of what? 6) _____
A) 450 B) 45 C) 144 D) 14,400

Find the whole.

- 7) 62 fish is 40% of what number of fish? 7) _____
A) 16 fish B) 25 fish C) 1550 fish D) 155 fish
- 8) 19 waiters is 3% of what number of waiters? 8) _____
A) 57 waiters B) 6330 waiters C) 633 waiters D) 63 waiters

Solve the problem.

- 9) 19 of those that Stephen called, agreed to donate money. This amounted to 2% of those that he called. How many people did he call? 9) _____
A) 940 B) 9500 C) 1000 D) 950
- 10) It is determined that 25% of the student body of Piper School attended an after-school assembly. If 120 students attended the assembly, how many students are enrolled at the school? 10) _____
A) 477 B) 480 C) 484 D) 492
- 11) The appliance store where the Scott family shops offers a 7% discount for paying cash. The Scott family received a discount of \$49. What was their total bill before the discount? 11) _____
A) \$7.00 B) \$343.00 C) \$3.43 D) \$700.00
- 12) It is determined that 75% of the student body of Piper School attended an after-school assembly. If 123 students attended the assembly, how many students are enrolled at the school? 12) _____
A) 176 B) 168 C) 164 D) 161
- 13) Matthew has \$2500 invested in the stock market. This amounts to 40% of his total savings. How much has Matthew saved? 13) _____
A) \$6260 B) \$6350 C) \$62,500 D) \$6250

Answer Key

Testname: FINDING "TOTAL"

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