



# Quiz 1

1. If a person earns \$54,000 a year, what is the person's monthly salary?
  - (a) \$4000
  - (b) \$4200
  - (c) \$4500
  - (d) \$4800
2. The Arkansas River is 1459 miles long and the Delaware River is 390 miles long. How much longer is the Arkansas River than the Delaware River?
  - (a) 1849 miles
  - (b) 1069 miles
  - (c) 1129 miles
  - (d) 1589 miles
3. Find the cost of 24 feet of chain if it sells for \$1.29 per foot.
  - (a) \$32.25
  - (b) \$31.20
  - (c) \$32.40
  - (d) \$30.96

4. Pennsylvania has 501 public school districts, Ohio has 661 school districts, and New York has 705 school districts. Find the total number of school districts in all three states.
  - (a) 1867
  - (b) 1206
  - (c) 1366
  - (d) 1162
  
5. A professor said  $\frac{4}{5}$  of his students passed his final examination. If 60 students took the exam, how many passed?
  - (a) 42
  - (b) 56
  - (c) 48
  - (d) 75
  
6. A carpenter made 5 shelves that were  $3\frac{7}{8}$  feet long and 4 shelves that were  $4\frac{1}{4}$  feet long. How much lumber did he use?
  - (a)  $36\frac{3}{8}$  inches
  - (b)  $73\frac{1}{8}$  inches
  - (c)  $36\frac{3}{4}$  inches
  - (d)  $72\frac{1}{2}$  inches
  
7. A person made the following purchases: \$42.50, \$39.98, \$87.49, and \$16.20. How much did this person spend in all?
  - (a) \$184.27
  - (b) \$188.77
  - (c) \$186.17
  - (d) \$192.37
  
8. A person purchased a refrigerator for \$60 down and 8 monthly payments of \$56.60. Find the total cost of the refrigerator.
  - (a) \$536.60
  - (b) \$512.80
  - (c) \$452.80
  - (d) \$641.60

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9. How much ribbon is needed to make 23 Christmas tree ornaments if each ornament requires  $4\frac{5}{6}$  inches of ribbon?
- (a)  $111\frac{1}{6}$  inches
  - (b)  $4\frac{22}{29}$  inches
  - (c)  $27\frac{4}{6}$  inches
  - (d)  $92\frac{5}{6}$  inches
10. How many hours can a diesel engine run on a 600-gallon tank of fuel if it uses  $\frac{7}{8}$  of a gallon per hour?
- (a) 525 hours
  - (b) 875 hours
  - (c)  $650\frac{3}{7}$  hours
  - (d)  $685\frac{5}{7}$  hours