

- 1 A train travels 2,000 miles in 40 hours and travels the same distance each hour. How many miles does the train travel each hour?
- A 4 miles
  - B 5 miles
  - C 40 miles
  - D 50 miles
- 2 Sonia earned \$2,100 at her uncle's orchard. If she worked for 70 weeks and earned the same amount of money each week, how much did she earn per week?
- A \$25
  - B \$30
  - C \$40
  - D \$45
- 3 Mr. Marcello is building a fence that will be 2,800 yards in length. What length of fence must he finish each day if he needs to complete the job in 40 days?
- A 70 yards
  - B 40 yards
  - C 28 yards
  - D 7 yards
- 4 A plane travels 4,800 miles in 60 hours and travels the same distance each hour. How many miles does the plane travel each hour?
- A 70 miles
  - B 80 miles
  - C 90 miles
  - D 100 miles

- 5 Jack earned \$2,500 at a warehouse. If he worked for 50 weeks and earned the same amount of money each week, how much did he earn per week?
- A \$40
  - B \$50
  - C \$55
  - D \$75
- 6 Mr. Cantwell is building a fence that will be 3,200 yards in length. What length of fence must he finish each hour if he needs to complete the job in 80 hours?
- A 40 yards
  - B 20 yards
  - C 16 yards
  - D 4 yards
- 7 Forty bowls of cereal contain 3,990 calories. Which phrase best describes the quotient of  $3,990 \div 40$ ?
- A a little less than 10
  - B a little less than 100
  - C a little more than 10
  - D a little more than 100
- 8 Which phrase best describes the quotient of  $5,217 \div 51$ ?
- A a little more than 100
  - B a little less than 100
  - C a little more than 10
  - D a little less than 10
- 9 The 92 members of a chess team bought new jackets at the beginning of the year. The total cost was \$7,100. Which of the following is the best estimate for the cost of each jacket?
- A \$70
  - B \$80
  - C \$90
  - D \$100

- 10 Which phrase best describes the quotient of  $4,857 \div 49$ ?
- A a little more than 100
  - B a little less than 100
  - C a little more than 10
  - D a little less than 10
- 11 Thirty-nine bowls of a certain cereal contain 4,020 calories. Which phrase best describes the quotient of  $4,020 \div 39$ ?
- A a little more than 100
  - B a little more than 10
  - C a little less than 100
  - D a little less than 10
- 12 Which of the following would give the best estimate for  $2,310 \div 69$ ?
- A  $3,500 \div 70$
  - B  $2,800 \div 70$
  - C  $1,400 \div 70$
  - D  $2,100 \div 70$
- 13 The 68 members of a drama club bought new jackets at the beginning of the year. The total cost was \$6,250. Which of the following is the best estimate for the cost of each jacket?
- A \$70
  - B \$80
  - C \$90
  - D \$100
- 14 Among the following quotients, which provides the best estimate for  $3,850 \div 88$ ?
- A  $3,200 \div 80$
  - B  $4,000 \div 80$
  - C  $3,600 \div 90$
  - D  $4,500 \div 90$

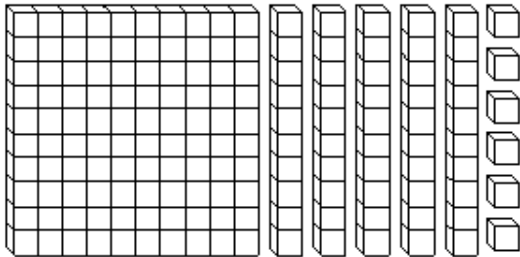
15 Which phrase best describes the quotient of  $7,323 \div 72$ ?

- A a little more than 100
- B a little less than 100
- C a little more than 10
- D a little less than 10

16 Among the following quotients, which provides the best estimate for  $3,209 \div 58$ ?

- A  $4,200 \div 60$
- B  $3,600 \div 60$
- C  $3,000 \div 60$
- D  $2,400 \div 60$

17 If the base ten blocks shown are to be divided into 13 equal groups, what should be done first?



- A Exchange 1 ten rod for 10 unit cubes.
- B Exchange the hundred flat for 100 unit cubes.
- C Exchange the hundred flat for 10 rods.
- D Exchange the 5 ten rods for 50 unit cubes.

18 If the money shown is to be divided among 12 people, what should be the first step?



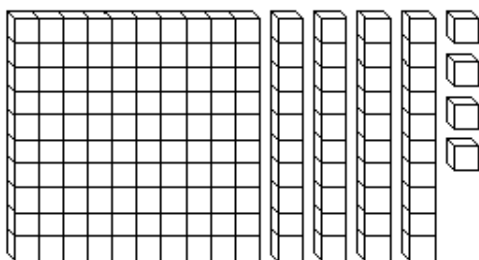
- A Exchange the \$100 bill for six \$10 bills and forty \$1 bills.
- B Exchange two \$10 bills for twenty \$1 bills.
- C Exchange the \$100 bill for ten \$10 bills.
- D Exchange the four \$10 bills for forty \$1 bills.

19 If the money shown is to be divided among 12 people, what should the first step be?



- A Exchange four of \$10 bills for forty \$1 bills.
- B Exchange the \$100 bill for ten \$10 bills.
- C Exchange the \$100 bill for a hundred \$1 bills.
- D Exchange the \$100 bill for seven \$10 bills and forty \$1 bills.

20 If the base-ten blocks shown are to be divided into 16 equal groups, what should be done as the first step?



- A Exchange the 4 ten rods for 40 unit cubes.
- B Exchange the hundred flat for 10 ten rods.
- C Exchange the hundred flat for 100 unit cubes.
- D Exchange the hundred flat for 7 ten rods and 30 unit cubes.

- 21 A box contains 3,000 magazines. If each class receives 30 magazines, how many classes receive magazines?
- A 200 classes
  - B 100 classes
  - C 10 classes
  - D 20 classes
- 22 A company donated \$4,250 dollars to a school. There are 50 classes in the school. If each class receives the same amount of money to plan a field trip, how much money does each class receive?
- A \$80
  - B \$83
  - C \$85
  - D \$88
- 23 Mary had 840 ornaments. She needed to decorate 60 wreaths. If she put the same number of ornaments on each wreath, how many ornaments did she put on each?
- A 14 ornaments
  - B 13 ornaments
  - C 12 ornaments
  - D 11 ornaments
- 24 A truck travels 1,200 miles in 20 hours, going the same distance each hour. How many miles does the truck travel each hour?
- A 5 miles
  - B 6 miles
  - C 50 miles
  - D 60 miles
- 25 Celia earned \$1,600 at her grandfather's farm. If she worked for 40 weeks and earned the same amount of money each week, how much did she earn per week?
- A \$35
  - B \$40
  - C \$60
  - D \$80

- 26 A group of 126 students is taking a field trip. One bus is needed for every 30 students. How many buses are needed?
- A 3 buses
  - B 4 buses
  - C 5 buses
  - D 6 buses
- 27 A spool of ribbon holds 2,400 inches of ribbon. Twenty inches of ribbon are needed for each pillow. How many pillows can be made?
- A 12 pillows
  - B 100 pillows
  - C 10 pillows
  - D 120 pillows
- 28 The Dixon family is taking a train on a vacation. The train trip is 720 miles. Their train's speed averages 60 miles an hour. How many hours will their train trip be?
- A 12 hours
  - B 13 hours
  - C 11 hours
  - D 120 hours
- 29 Lucy earned \$3,200 working at her aunt's ranch. If she worked for 40 weeks and earned the same amount of money each week, how much did she earn per week?
- A \$60
  - B \$65
  - C \$70
  - D \$80
- 30 At the beginning of the school year, art supplies will be divided up equally among 30 classes. If there are 1,500 containers of paint, how many will each class receive?
- A 5 containers of paint
  - B 10 containers of paint
  - C 50 containers of paint
  - D 75 containers of paint

- 31 There are 36 inches in 1 yard. How many yards are in 288 inches?
- A 4 yards
  - B 6 yards
  - C 8 yards
  - D 9 yards
- 32 A company wants to order 140 light bulbs. The light bulbs come in boxes of 16. How many boxes will the company have to order?
- A 9 boxes
  - B 8 boxes
  - C 7 boxes
  - D 6 boxes
- 33 Lali's house is 168 feet above sea level and Sal's house is 24 feet above sea level. How many times higher than sea level is Lali's house than Sal's?
- A 10
  - B 9
  - C 8
  - D 7
- 34 A school ordered 432 pencils. If the pencils come in boxes of 48, how many boxes did the school order?
- A 3 boxes
  - B 6 boxes
  - C 8 boxes
  - D 9 boxes
- 35 A roller coaster can hold 32 people at a time. There are 275 people waiting to ride the roller coaster. How many trips will the roller coaster have to make for all the people to ride?
- A 6 trips
  - B 7 trips
  - C 8 trips
  - D 9 trips



- 36 A group of people paid a total of \$684 for tickets to a baseball game. If the tickets were \$36 each, how many people were in the group?
- A 13 people
  - B 17 people
  - C 19 people
  - D 21 people
- 37 An orange grove has 858 trees. There are 33 rows, each with the same number of trees. How many trees are in each row?
- A 22 trees
  - B 24 trees
  - C 26 trees
  - D 28 trees
- 38 On Friday, 265 students will be taking a field trip by bus. Each bus will hold up to 42 students. How many buses are needed for the trip?
- A 9 buses
  - B 8 buses
  - C 7 buses
  - D 6 buses
- 39 A company wants to order at least 175 packages of paper. The paper comes in boxes of 12 packages each. How many boxes will the company have to order?
- A 15 boxes
  - B 14 boxes
  - C 13 boxes
  - D 12 boxes
- 40 A group of people paid a total of \$578 for tickets to a basketball game. If the tickets were \$34 each, how many people were in the group?
- A 13 people
  - B 17 people
  - C 19 people
  - D 21 people

- 41 The pet store can keep 14 fish in each tank. To find the number of tanks needed for 338 fish, the store manager solved the problem below.

$$\begin{array}{r} 24 \text{ R}2 \\ 14 \overline{)338} \end{array}$$

How can the manager check if her answer is reasonable?

- A Multiply 2 by 14
  - B Multiply 24 by 14
  - C Multiply 24 by 2
  - D Multiply 338 by 14
- 42 Each row in the auditorium has 18 seats. 246 students and teachers are going to watch an assembly in the auditorium. How many rows of seats will be completely filled?
- A 12 rows
  - B 13 rows
  - C 14 rows
  - D 15 rows
- 43 Find the quotient in the problem below.

$$36 \overline{)354}$$

- A 9 R3
  - B 9 R30
  - C 9 R36
  - D 9 R66
- 44 There are 728 seats in a theater. There are 28 rows of seats. If each row contains the same number of seats, how many seats are in each row?
- A 16 seats
  - B 26 seats
  - C 36 seats
  - D 46 seats

- 45 Mrs. Harris paid \$476 for counting blocks for her class. If the block sets were \$28 each, how many sets did she buy?
- A 13 sets
  - B 17 sets
  - C 19 sets
  - D 21 sets
- 46 Tim has to type an 875-word report. If he types 35 words a minute, how long will it take him to type the report?
- A 36 minutes
  - B 35 minutes
  - C 25 minutes
  - D 20 minutes
- 47 Jerry can get a magazine subscription for \$36 a year. If 12 magazines are delivered during the year, what is the cost of each magazine?
- A \$24
  - B \$12
  - C \$4
  - D \$3
- 48 A concert hall can seat a total of 3,036 people. Each row has 33 seats. How many rows are in the concert hall?
- A 90 rows
  - B 92 rows
  - C 902 rows
  - D 920 rows
- 49 Miriam's house is 232 feet above sea level, and Silvia's house is 29 feet above sea level. About how many times higher than sea level is Miriam's house than Silvia's?
- A 11
  - B 10
  - C 9
  - D 8

50  $3,648 \div 91 =$

- A 40 R8
- B 40 R48
- C 48
- D 400 R8

51 This table shows the number of tablet computers shipped by a company over a 3-year period. If each truckload held the same number of laptops, how many tablet computers were in each truckload?

Year	Tablet Computers Shipped	Truckloads
2010	52,000	13
2011	68,000	17
2012	44,000	11

- A 4 laptops
- B 400 laptops
- C 4,000 laptops
- D 40,000 laptops

52 Milly has been saving money to take drum lessons in the summer. So far she has saved \$287. If each lesson costs \$27, about how many lessons can she take with the amount saved so far?

- A 5 lessons
- B 10 lessons
- C 15 lessons
- D 20 lessons

53 Which of the following are the most compatible numbers for dividing  $8,652 \div 45$ ?

- A  $8,652 \div 50$
- B  $8,500 \div 45$
- C  $8,650 \div 40$
- D  $9,000 \div 45$

- 54 Pedro has been saving money to take horseback-riding lessons in the summer. So far he has saved \$357. If each lesson costs \$38, about how many lessons can he take with the amount saved so far?
- A 9 lessons
  - B 19 lessons
  - C 20 lessons
  - D 80 lessons
- 55 There were 150 competitors in the first Marytown Race in 1963. The 2000 Marytown Race attracted 9,083 competitors. About how many times as many competitors were there in 2000 than when the race was first held?
- A 60
  - B 80
  - C 600
  - D 900
- 56 The school athletic director was given \$1,000 to buy new uniforms. She bought 18 baseball uniforms at \$25 each and 15 basketball uniforms at \$19 each. What information is not needed to find the total amount she spent on the uniforms?
- A the number of baseball uniforms
  - B the price of each basketball uniform
  - C the amount of money she was given to buy the uniforms
  - D the number of basketball uniforms
- 57 Foster is driving across the United States, a distance of almost 3,000 miles. Today he drove at an average speed of 52 miles per hour. What other information is needed to find the number of miles he drove today?
- A the number of stops he made
  - B the number of hours he drove
  - C the time of day he began driving
  - D the time of day he finished driving

- 58 On Wednesday a music store sold 44 country music CDs for \$13 per CD and 58 rock CDs for \$16 each. The store also sold 39 jazz CDs that day. What information is NOT needed to find the total amount in sales of the country music and rock CDs?
- A the price of each rock CD
  - B the number of jazz CDs sold
  - C the number of country music CDs sold
  - D the price of each country music CD