

1.8 Dividing Whole Numbers 1

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

Find the quotient.

1)  $25 \div 0$

A) 25

B)  $\frac{1}{25}$

C) 0

D) undefined

1) \_\_\_\_\_

2)  $\frac{21}{3}$

A) 7

B) 6 R 2

C) 8

D) 6 R 3

2) \_\_\_\_\_

3)  $16 \div 4$

A) 5

B) 3 R 4

C) 4

D) 3 R 3

3) \_\_\_\_\_

4)  $0 \div 81$

A) 1

B) 0

C) 81

D) undefined

4) \_\_\_\_\_

5)  $6 \div 1$

A) 6

B) 1

C) 0

D) undefined

5) \_\_\_\_\_

6)  $49 \div 1$

A) 1

B)  $\frac{1}{49}$

C) 49

D) undefined

6) \_\_\_\_\_

7)  $\frac{16}{4}$

A) 5

B) 3 R 4

C) 3 R 3

D) 4

7) \_\_\_\_\_

Solve the problem.

8) The following table shows the amount of income tax paid in 2005 by four people selected at random from a certain town.

8) \_\_\_\_\_

Bill	\$855
Jill	\$7500
Sue	\$2000
John	\$5575

Find the average amount of income tax paid in 2005 by the two women.

A) \$3982.50

B) \$4750

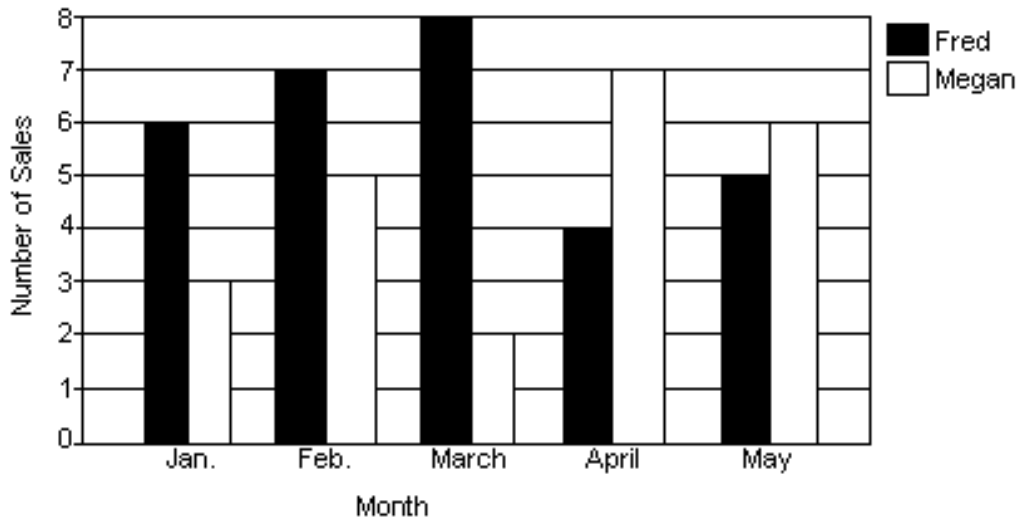
C) \$3215.00

D) \$9500

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9) The double-bar graph below shows the number of sales made by Fred and Megan from January through May. Find the average number of sales made by Fred for the 5-month period.

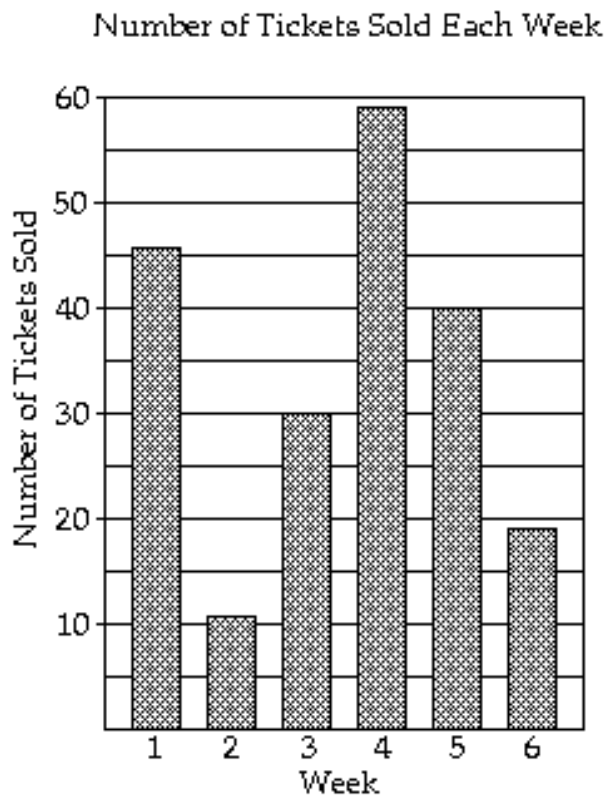
9) \_\_\_\_\_



- A) 5                                      B) 4                                      C) 8                                      D) 6

10) The bar graph shows the number of tickets sold each week by the garden club for their annual flower show. What was the average number of tickets sold during weeks 3, 4, and 5?

10) \_\_\_\_\_



- A) 44                                      B) 42                                      C) 43                                      D) 129

Find the average of the list of numbers.

11) 150, 109, 131, 138, 147

11) \_\_\_\_\_

- A) 145                                      B) 134                                      C) 138                                      D) 135

12) 54, 40, 23, 18, 47, 22

12) \_\_\_\_\_

- A) 32                                      B) 35                                      C) 34                                      D) 40

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Divide.

13)  $30,538 \div 561$                       B) 54 R 144                      C) 54 R 245                      D) 54 R 244                      13) \_\_\_\_\_  
    A) 59 R 231

14)  $\frac{59,064}{69}$                                       B) 856                                      C) 846                                      D) 861 R 5                      14) \_\_\_\_\_  
    A) 866 R 13

15)  $973 \overline{)833,591}$                               B) 856 R 703                              C) 703                                      D) 856                      15) \_\_\_\_\_  
    A) 856 R 665

16)  $7830 \div 27$                                       B) 291                                      C) 290                                      D) 290 R 18                      16) \_\_\_\_\_  
    A) 291 R 17

17)  $48 \overline{)960}$                                       B) 21 R 5                                      C) 21 R 38                                      D) 20 R 40                      17) \_\_\_\_\_  
    A) 20

18)  $3001 \div 49$                                       B) 64 R 5                                      C) 64 R 41                                      D) 61                      18) \_\_\_\_\_  
    A) 61 R 12

19)  $4 \overline{)524}$     B) 134    C) 133    D) 129                      19) \_\_\_\_\_  
    A) 131

20)  $1791 \div 4$     B) 447 R 3    C) 446 R 7    D) 447                      20) \_\_\_\_\_  
    A) 447 R 2

21)  $5 \overline{)2382}$     B) 476    C) 476 R 2    D) 476 R 1                      21) \_\_\_\_\_  
    A) 475 R 7

22)  $3 \overline{)27}$     B) 8 R 2    C) 8 R 3    D) 9                      22) \_\_\_\_\_  
    A) 10

23)  $6 \overline{)6408}$     B) 1068    C) 1068 R 5    D) 1066                      23) \_\_\_\_\_  
    A) 1066 R 1

24)  $327,927 \div 410$                                       B) 799    C) 337    D) 799 R 157                      24) \_\_\_\_\_  
    A) 799 R 337

Solve.

25) In a distant galaxy the gravity of planet A is 217 times as strong as the gravity of planet B, so objects on planet A weigh 217 times as much as they weigh on planet B. If the object weighs 34,937 pounds on planet A, how much does it weigh on planet B?                      25) \_\_\_\_\_  
    A) 1610 lb                                      B) 161 lb                                      C) 154 lb                                      D) 171 lb

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- 26) There is a bridge over a certain highway every 8 miles. The first bridge is at the beginning of a 178-mile stretch of highway. Find how many bridges there are over 178 miles of the highway. 26) \_\_\_\_\_  
A) 25 bridges                      B) 24 bridges                      C) 23 bridges                      D) 22 bridges
- 27) 187 chocolates are to be packed into boxes each of which will contain 8 chocolates. How many boxes of chocolates will there be? How many chocolates will be left over? 27) \_\_\_\_\_  
A) 22 boxes; 3 chocolates left over                      B) 23 boxes; 3 chocolates left over  
C) 22 boxes; 4 chocolates left over                      D) 23 boxes; no chocolates left over

Answer Key

Testname: 1.8 DIVIDING WHOLE N 1

- 1) D
- 2) A
- 3) C
- 4) B
- 5) A
- 6) C
- 7) D
- 8) B
- 9) D
- 10) C
- 11) D
- 12) C
- 13) D
- 14) B
- 15) B
- 16) C
- 17) A
- 18) A
- 19) A
- 20) B
- 21) C
- 22) D
- 23) B
- 24) A
- 25) B
- 26) C
- 27) B