1.8 Dividing Whole Numbers 2

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

Find the quotient.

1) $16 \div 0$ 1) _____

A) 16 B) $\frac{1}{16}$ C) 0 D) undefined

2) $\frac{12}{3}$ 2) _____

A) 4 B) 3 R 2 C) 5 D) 3 R 3

3) $45 \div 5$ 3) _____

A) 10 B) 8 R 5 C) 9 D) 8 R 4

4) $0 \div 97$ 4) _____

A) 1 B) 0 C) 97 D) undefined

5) $8 \div 1$ 5) _____

A) 8 B) 1 C) 0 D) undefined

6) $10 \div 1$ 6) _____

A) 1 B) $\frac{1}{10}$ C) 10 D) undefined

7) $\frac{72}{8}$ 7) _____

A) 10 B) 8 R 8 C) 8 R 7 D) 9

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	$830
Jill	$6000
Sue	$2600
John	$5800

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

A) $3807.50 B) $4300 C) $3315.00 D) $8600

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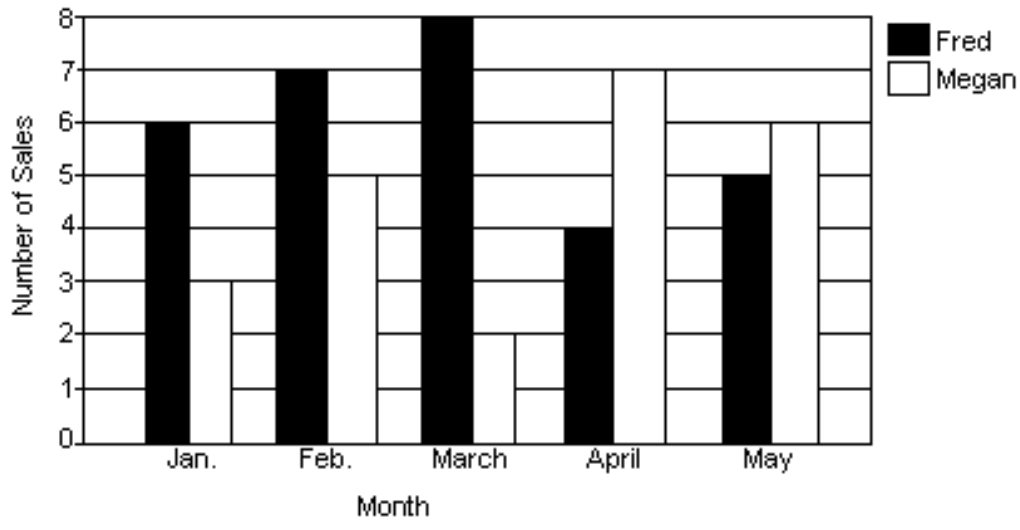
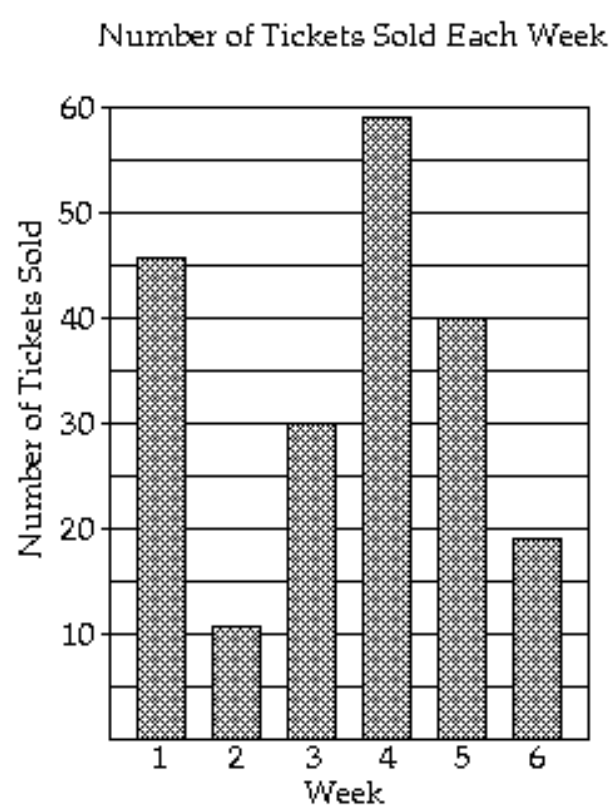
9) The double-bar graph below shows the number of sales made by Fred and Megan from January through May. Find the average number of sales made by Fred for the 5-month period. 9) _____



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) 176, 135, 157, 164, 173 11) _____

A) 171 B) 160 C) 164 D) 161

12) 82, 68, 51, 46, 75, 50 12) _____

A) 60 B) 63 C) 62 D) 68

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Divide.

13) 11,497 ÷ 778 13) _____

A) 19 R 373 B) 14 R 505 C) 14 R 606 D) 14 R 605

14) $\frac{21,576}{58}$ 14) _____

A) 382 R 30 B) 372 C) 362 D) 377 R 22

15) $597\overline{)79,336}$ 15) _____

A) 132 R 530 B) 132 R 532 C) 532 D) 132

16) 6804 ÷ 63 16) _____

A) 109 R 53 B) 109 C) 108 D) 108 R 54

17) $33\overline{)429}$ 17) _____

A) 13 B) 14 R 5 C) 14 R 23 D) 13 R 25

18) 3556 ÷ 62 18) _____

A) 57 R 22 B) 60 R 5 C) 60 R 54 D) 57

19) $3\overline{)417}$ 19) _____

A) 139 B) 142 C) 141 D) 137

20) 5769 ÷ 6 20) _____

A) 961 R 2 B) 961 R 3 C) 960 R 9 D) 961

21) $4\overline{)3351}$ 21) _____

A) 836 R 7 B) 837 C) 837 R 3 D) 837 R 2

22) $8\overline{)40}$ 22) _____

A) 6 B) 4 R 7 C) 4 R 8 D) 5

23) $5\overline{)5015}$ 23) _____

A) 1001 R 1 B) 1003 C) 1003 R 4 D) 1001

24) 58,998 ÷ 470 24) _____

A) 125 R 248 B) 125 C) 248 D) 125 R 208

Solve.

25) In a distant galaxy the gravity of planet A is 218 times as strong as the gravity of planet B, so objects on planet A weigh 218 times as much as they weigh on planet B. If the object weighs 35,316 pounds on planet A, how much does it weigh on plant B? 25) _____

A) 1620 lb B) 162 lb C) 155 lb D) 172 lb

26) There is a bridge over a certain highway every 6 miles. The first bridge is at the beginning of a 152-mile stretch of highway. Find how many bridges there are over 152 miles of the highway. 26) _____

A) 25 bridges B) 27 bridges C) 26 bridges D) 25 bridges

27) 268 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) 32 boxes; 4 chocolates left over B) 33 boxes; 4 chocolates left over

C) 32 boxes; 5 chocolates left over D) 33 boxes; no chocolates left over

Answer Key
Testname: 1.8 DIVIDING WHOLE N 2

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