EXERCISE 8

1. Write down the factors of 20.

$1 \times 20 = 20$

$2 \times 10 = 20$

$4 \times 5 = 20$

The factors of 20 are _____, _____, _____,

_____, _____, and _____.

2. Fill in the blanks.

(a)

$2 \times 6 = 12$

_____ and _____ are factors of 12.

(b)

$1 \times 8 = 8$

_____ and _____ are factors of 8.

(c)

$3 \times 7 = 21$
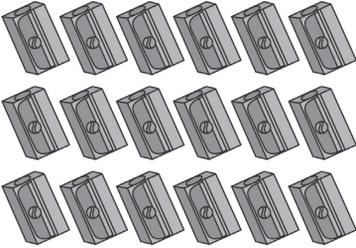
_____ and _____ are factors of 21.

3. Find the missing factors.

(a) 2 × _____ = 8	(b) _____ × 6 = 18
(c) 5 × _____ = 45	(d) 6 × _____ = 48
(e) 7 × _____ = 56	(f) 9 × _____ = 72
(g) _____ × 4 = 36	(h) _____ × 6 = 54
(i) _____ × 7 = 70	(j) _____ × 8 = 64

4. Fill in the blanks.

(a) 8 = 1 × _____

8 = 2 × _____

The factors of 8 are _____, _____, _____,

and _____.

(b) 15 = 1 × _____

15 = 3 × _____

The factors of 15 are _____, _____,

_____, and _____.

5. Which of the following are prime numbers?

| 16 | 27 | 13 | 19 | 21 |

EXERCISE 6

1. Sarah has 4,670 European stamps. She has 698 more African stamps than European stamps. How many stamps does she have altogether?

2. Mrs. Charles drove 325 miles on Saturday. She drove 49 miles less on Saturday than on Sunday. How many miles did she travel on the two days?

6. Divide the sum of 352 and 698 by 5.

7. Write **>**, **<**, or **=** in each ◯.
   (a) 4,345 + 998 ◯ 5,345 − 98

   (b) (600 × 8) + (5 × 8) + (3 × 8) ◯ 654 × 8

   (c) 7,191 ÷ 9 ◯ 5,994 ÷ 6

   (d) 605 × 40 ◯ 505 × 30

8. Find the value of the following.
   (a) 1,000 − 750 + 480 ÷ 3 =

   (b) 9,000 − (6,000 − 1,430) =

   (c) 1,475 − (18 × 21) =

   (d) 40 + 13 × (12 + 6) =

9. Match each expression with the correct problem.
   (a) 30 × (40 + 50)•

   •The price of one 30-cent pencil and fifty 40-cent erasers

   (b) 30 + 40 × 50•

   •The price of forty 30-cent pencils and a 50-cent eraser

   (c) 30 × 40 + 50•

   •The price of forty 30-cent red pencils and fifty 30-cent blue pencils

9. Taylor made 98 sugar buns and 42 plain buns. What fraction of the buns were plain buns?

10. Rosa wants to tie 6 packages. She needs $\frac{3}{5}$ yd of string for each package. How many yards of string must she buy?

11. Joe had $24. He used $\frac{7}{8}$ of it to buy a book. What was the cost of the book?