tutorified

Multiplication Table and Data Interpretation

1. Find the value of a.

a.
$$20,000 \times 4 = a$$

b.
$$6 \times a = 2,400$$

c.
$$a \times 8 = 64,000$$

d.
$$11,000 \times a = 99,000$$

e.
$$7 \times 500 = a$$

f.
$$a \times 9,000 = 270,000$$

g.
$$4 \times a = 320,000$$

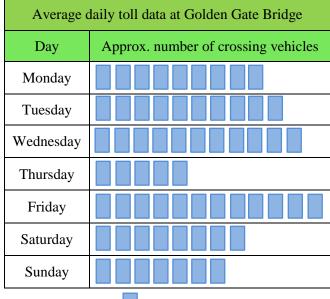
h.
$$800 \times 1,200 = a$$

- Solution:
- a.
- b.
- c.
- d.
- e.
- f.
- g.
- h.

2. Complete the multiplication tables.

X	2	200	2,000
4			
5			
8			
10			
11			

- x 60 800 5,000 3 6 7 9 12
- 3. Use the table to solve the problems.
 - a. About how many vehicles crossed the bridge on Wednesday?
 - b. About how many vehicles crossed the bridge on Monday?
 - c. About how many vehicles crossed the bridge on the busiest day of the week?
 - d. About how many more vehicles crossed the bridge on the busiest day of the week than the least busy day?



Key: 1 = 15,000 Vehicles

Solution:

a.

b.

c.

d.

Multiplication Table and Data Interpretation

Answer Key

1. Find the value of a.

a. $20,000 \times 4 = a$

b. $6 \times a = 2,400$

c. $a \times 8 = 64,000$

d. $11,000 \times a = 99,000$

e. $7 \times 500 = a$

f. $a \times 9,000 = 270,000$

g. $4 \times a = 320,000$

h. $800 \times 1,200 = a$

Solution:

a. 80,000

b. 400

c. 8,000

d. 9

e. 3,500

f. 30

g. 80,000

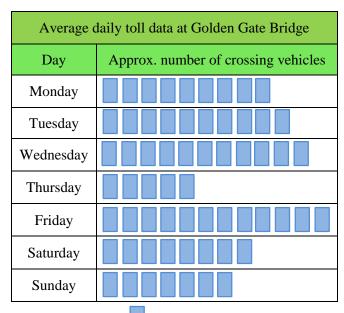
h. 960,000

2. Complete the multiplication tables.

X	2	200	2,000
4	8	800	8,000
5	10	1,000	10,000
8	16	1,600	16,000
10	20	2,000	20,000
11	22	2,200	22,000

X	60	800	5,000
3	180	2,400	15,000
6	360	4,800	30,000
7	420	5,600	35,000
9	540	7,200	45,000
12	720	9,600	60,000

- 3. Use the table to solve the problems.
 - a. About how many vehicles crossed the bridge on Wednesday?
 - b. About how many vehicles crossed the bridge on Monday?
 - c. About how many vehicles crossed the bridge on the busiest day of the week?
 - d. About how many more vehicles crossed the bridge on the busiest day of the week than the least busy day?



Key: 1 = 15,000 Vehicles

Solution:

a. 165,000

b. 135,000

c. 180,000

d. 180,000 - 75,000 = 105,000