

Name \_\_\_\_\_

Date \_\_\_\_\_

## 1. Complete.

a.  $4 \times 1 = \underline{\quad}$

b.  $4 \times 0 = \underline{\quad}$

c.  $\underline{\quad} \times 1 = 5$

d.  $\underline{\quad} \div 5 = 0$

e.  $6 \times \underline{\quad} = 6$

f.  $\underline{\quad} \div 6 = 0$

g.  $0 \div 7 = \underline{\quad}$

h.  $7 \times \underline{\quad} = 0$

i.  $8 \div \underline{\quad} = 8$

j.  $\underline{\quad} \times 8 = 8$

k.  $9 \times \underline{\quad} = 9$

l.  $9 \div \underline{\quad} = 1$

## 2. Match each equation with its solution.

$$9 \times 1 = w$$

$$w \times 1 = 6$$

$$7 \div w = 1$$

$$1 \times w = 8$$

$$w \div 8 = 0$$

$$9 \div 9 = w$$

$$w = 6$$

$$w = 7$$

$$w = 8$$

$$w = 9$$

$$w = 1$$

$$w = 0$$

3. Let  $c = 8$ . Determine whether the equations are true or false. The first one has been done for you.

a. $c \times 0 = 8$	<i>False</i>
b. $0 \times c = 0$	
c. $c \times 1 = 8$	
d. $1 \times c = 8$	
e. $0 \div c = 8$	
f. $8 \div c = 1$	
g. $0 \div c = 0$	
h. $c \div 0 = 8$	

4. Rajan says that any number multiplied by 1 equals that number.
- a. Write a multiplication equation using  $n$  to represent Rajan's statement.
- b. Using your equation from Part (a), let  $n = 5$ , and draw a picture to show that the new equation is true.