

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

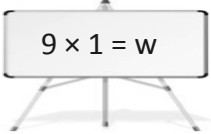
i. $8 \div \underline{\quad} = 8$

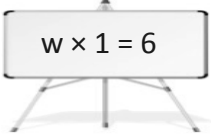
j. $\underline{\quad} \times 8 = 8$

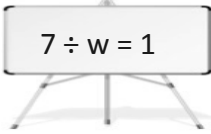
k. $9 \times \underline{\quad} = 9$

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

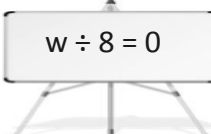
2. Match each equation with its solution.

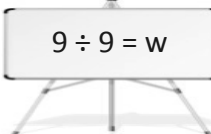

 $9 \times 1 = w$


 $w \times 1 = 6$


 $7 \div w = 1$


 $1 \times w = 8$


 $w \div 8 = 0$


 $9 \div 9 = w$


 $w = 6$


 $w = 7$


 $w = 8$


 $w = 9$


 $w = 1$


 $w = 0$

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.