Name _____ Date _____

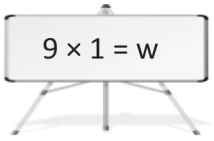
1. Complete.

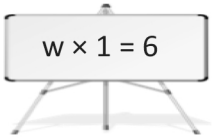
a. $4 \times 1 =$ _____ b. $4 \times 0 =$ _____ c. _____ $\times 1 = 5$ d. _____ $\div 5 = 0$

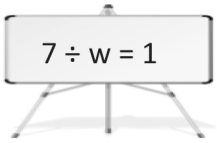
e. $6 \times$ _____ $= 6$ f. _____ $\div 6 = 0$ g. $0 \div 7 =$ _____ h. $7 \times$ _____ $= 0$

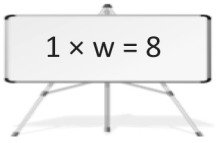
i. $8 \div$ _____ $= 8$ j. _____ $\times 8 = 8$ k. $9 \times$ _____ $= 9$ l. $9 \div$ _____ $= 1$

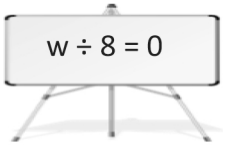
2. Match each equation with its solution.

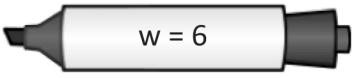


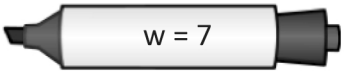


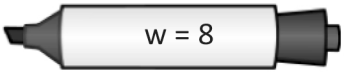


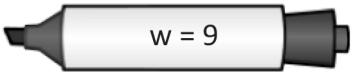


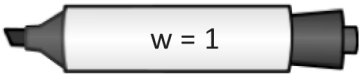


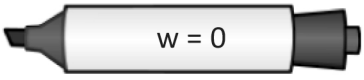












3. Let $c = 8$. Determine whether the equations are true or false. The first one has been done for you.

a. $c \times 0 = 8$	*False*
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.

Answer Key

1. a. 4
   b. 0
   c. 5
   d. 0
   e. 1
   f. 0
   g. 0
   h. 0
   i. 1
   j. 1
   k. 1
   l. 9

2. Equations matched to solutions

3. a. Answer provided
   b. True
   c. True
   d. True
   e. False
   f. True
   g. True
   h. False

4. a. $n \times 1 = n$
   b. Answers will vary.