Multiply with 1 and 0
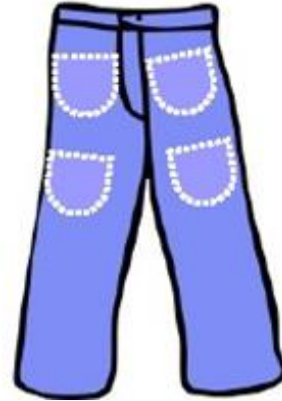
Find the product.

$4 \times 0 = $ _____

Draw a pair of pants with four pockets, each pocket containing 0 marbles.

4 pockets × 0 marbles = 0 marbles

So, $4 \times 0 = 0$.

> **Zero Property of Multiplication**
> The product of zero and any number is zero.

Multiply the product. $1 \times 6 = $ _____

Draw a pair of pants with one pocket containing 6 marbles.

1 pocket × 6 marbles = 6 marbles

So, $1 \times 6 = 6$.

> **Identity Property of Multiplication**
> The product of any number and 1 is that number.

Examples:

A) Find the product

1) 5 x 1 = <u>5</u>

2) 8 x 0 = <u>0</u>

3) 1 x 0 = <u>0</u>

4) 0 x 7 = <u>0</u>

5) 1 x 9 = <u>9</u>

6) 1 x 1 = <u>1</u>

7) 0 x 5 = <u>0</u>

8) 1 x 7 = <u>7</u>

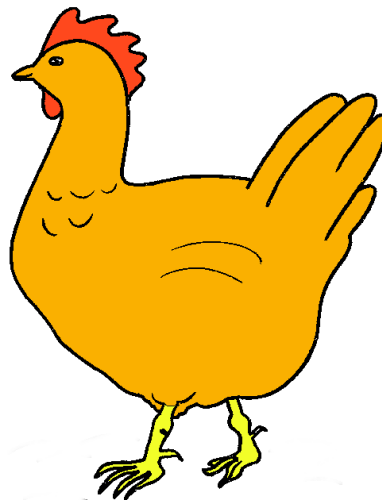**My Real Life**

A) Eman saw 7 nests. There were 0 eggs in each nest. How many eggs were in the nests Eman saw?
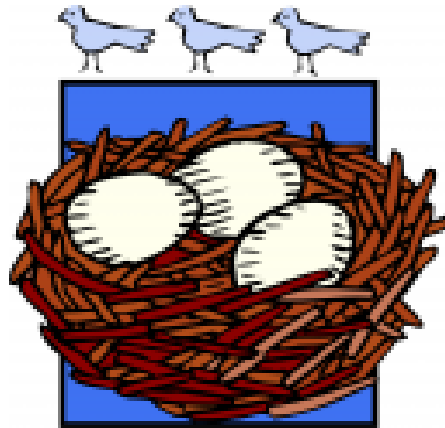
7 x 0 = 0 eggs

B) Tamara saw 4 chickens' coops. In each coop she saw 1 chicken. How many chickens did Tamara see in all?

4 x 1 = 4 chickens

Grade 3