Zero Times Any Number

Name: _____

Count the groups. Count what is in each group. Then write the total.

1. There are 3 trays. Each tray has 0 cookies.



0 + 0 + 0 = _____

3 × 0 = _____

2. There are 4 baskets. Each basket has 0 apples.



____ + ____ + ____ + ____ = ____

4 × ____ = ____

3. Each tray holds 5 cookies. There are 0 trays on the table.



0 × 5 = _____

4. Write each total.

7 × 0 = _____ 0 × 9 = _____ 10 × 0 = _____ 0 × 2 = _____

5. Zero or one? Look at each fact with care.

1 × 6 = _____ 0 × 6 = _____ 8 × 1 = _____ 8 × 0 = _____

6. Find and fix the mistake. A student wrote: 5 × 0 = 5

What went wrong?

_____

Fix it: 5 × 0 = _____

7. Draw 2 plates with 0 grapes on each plate. Then write the fact.

_____ × _____ = _____

8. Mia has 6 pencil cups. Each cup has 0 pencils. How many pencils does Mia have?

_____ × _____ = _____ pencils

Zero Times Any Number: Answer Key

Answers are in bold. Any number times 0 is 0.

1. There are 3 trays. Each tray has 0 cookies.



0 + 0 + 0 = **0**

3 × 0 = **0**

2. There are 4 baskets. Each basket has 0 apples.



0 + **0** + **0** + **0** = **0**

4 × **0** = **0**

3. Each tray holds 5 cookies. There are 0 trays on the table.



0 × 5 = **0**

4. Write each total.

   7 × 0 = **0** 0 × 9 = **0** 10 × 0 = **0** 0 × 2 = **0**

5. Zero or one? Look at each fact with care.

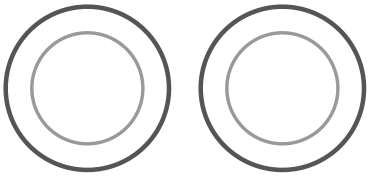
   1 × 6 = **6** 0 × 6 = **0** 8 × 1 = **8** 8 × 0 = **0**

6. Find and fix the mistake. A student wrote: 5 × 0 = 5

   Sample answer: The 5 counts the groups. Each group has 0 in it, so there is nothing to count.

   Fix it: 5 × 0 = **0**

7. Draw 2 plates with 0 grapes on each plate. Then write the fact.



2 × **0** = **0**

8. Mia has 6 pencil cups. Each cup has 0 pencils. How many pencils does Mia have?

   6 × **0** = **0** pencils