

MULTIPLICATION

ON A NUMBER LINE



Multiplication on a Number Line

Record the answers from the practice problems in the LINKivity®.

0 20

- 1** Number of Groups:
Ans.
- 2** (circle one)
True
or
False
- 3** Write the multiplication sentence below:
 x =
- 4** Circle the correct number line:
- 5** Fill in the number line below:
- 6** Write the multiplication sentence for each number line below:
- 7** Fill in the missing number for each multiplication sentence below:
 $3 \times \square = 9$
 $\square \times 2 = 8$
 $7 \times \square = \square$
- 8** Circle the correct number line:

 **LINKivity**
Interactive Learning Guides

WAIT!

Thank you for considering this LINKtivity for your classroom, but before you make a decision - you should know that you can get **access to this LINKtivity + PLUS our entire library** for about the same price as a single LINKtivity!

The results are in: **Teachers LOVE LINKtivities...** and want more! So, we've made it SUPER easy and cost effective for you to access any and ALL of our LINKtivities inside our LINKtivity Learning membership option! Instead of purchasing just ONE LINKtivity - why not get access to ALL of them... for about the SAME PRICE!



INSIDE THE MEMBERSHIP YOU'LL HAVE UNLIMITED ACCESS TO:

- ✓ The **entire growing LINKtivity® library** inside the Membership (LINKtivities for all content areas)
- ✓ ALL **future LINKtivities** to be added to the membership (new releases each month!)
- ✓ **Teacher guides** to help you set up each LINKtivity® successfully in your classroom
- ✓ **Student resources** that go along with each LINKtivity (printable OR digital)
- ✓ **Kid-friendly rubrics** and **answer keys** for each LINKtivity®



JOIN NOW



Multiplication on a Number Line

Record the answers from the practice problems in the LINKtivity.

- Number of Groups: Ans.
- Circle one: True or False
- Write the multiplication sentence below: $\square \times \square = \square$
- Circle the correct number line:
 -
 -
- Fill in the number line below:
- Write the multiplication sentence for each number line below: $\square \times \square = \square$
- Fill in the missing number for each multiplication sentence below:
 - $3 \times \square = 9$
 - $\square \times 2 = 8$
 - $7 \times 2 = \square$
- Circle the correct number line:
 -
 -
- Circle one: True or False
- Fill in the missing numbers below: $4 \times 2 = \square$ groups of

©2018 Present LINKtivity Learning. ALL RIGHTS RESERVED.

Multiplication on a Number Line

Record the answers from the practice problems in the LINKtivity.

- Number of Groups: Ans.
- Circle one: True or False
- Write the multiplication sentence below: $\square \times \square = \square$
- Circle the correct number line:
 -
 -
- Fill in the number line below:
- Write the multiplication sentence for each number line below: $\square \times \square = \square$
- Fill in the missing number for each multiplication sentence below:
 - $3 \times \square = 9$
 - $\square \times 2 = 8$
 - $7 \times 2 = \square$
- Circle the correct number line:
 -
 -
- Circle one: True or False
- Fill in the missing numbers below: $4 \times 2 = \square$ groups of

©2018 Present LINKtivity Learning. ALL RIGHTS RESERVED.

Inside the Multiplication on a Number Line LINKtivity®, students will learn how to use a number line to help them figure out the answer to a multiplication problem. Students will learn the different parts of a multiplication sentence (factors and product) and learn how factors and products relate to a number line. Students will complete several practice problems to show their understanding of the concept.

2 Answer the question below correctly to reveal a piece of the mystery picture.

TRUE OR FALSE?

$5 \times 3 = 12$

You can use the number line to help you.

Correct! Click "Continue" to Move On!

REVEAL THE MYSTERY PICTURE

10 Answer the question below correctly to reveal a piece of the mystery picture.

Look at the number line below. Then, drag the number cards into place to fill in the blanks.

4 groups of 2

$4 \times 2 = 8$

Correct! You've revealed the mystery picture. Click "CONTINUE"

REVEAL THE MYSTERY PICTURE

NOBEL PEACE PRIZE WINNER: MALALA YOUSAFZAI



More Sample Slides

Multiplication is when we put equal groups together.

5 5 5

When using a number line to help us multiply, the first factor in the multiplication sentence tells us how many skips we need.

The second factor in the multiplication sentence tells us the distance between each skip.

5 x 3 = ?

5 x 3 tells us that we will need 5 skips, going a distance of 3 each skip on the number line.

0 20

What number did you land on?

Drag the red dots onto the number line, skipping by 3, 5 times.

Use this slide to help you work through the problem. When you think you've got it, you can go back and choose the correct answer.

Answer the question below correctly to reveal a piece of the mystery picture.

12 third graders are forming groups of 2 to play a game at recess. How many groups will they form? You can use the number line to help you. Then, click on the answer below.

0 12

A 2 groups
B 6 groups
C 3 groups
D 4 groups

REVEAL THE MYSTERY PICTURE

Answer the question below correctly to reveal a piece of the mystery picture.

TRUE OR FALSE?

5 x 3 = 12

You can use the number line to help you.

0 20

Click on the thumbs up picture if the statement above is true. Click on the thumbs down picture if the statement above is false.

REVEAL THE MYSTERY PICTURE

Correct! Click "Continue" to Move On!

NOBEL PEACE PRIZE WINNER: MALALA YOUSAFZAI

Malala Yousafzai was born in 1997 in Pakistan, a country in Asia. She is the youngest person ever to receive the Nobel Peace Prize for her work with fighting for the right to an education for all children.

Click one of the videos below to learn more about Malala.

CLICK HERE to see snapshots of Malala Yousafzai

Answer the question below correctly to reveal a piece of the mystery picture.

Look at the number line below. Then, drag the number cards into place to fill in the blanks.

0 10

4 groups of 2

4 x 2 = 8

Correct! You've revealed the mystery picture. Click "CONTINUE" to learn more about Malala.

REVEAL THE MYSTERY PICTURE

NOBEL PEACE PRIZE WINNER: MALALA YOUSAFZAI

Remember: When using a number line to multiply, the first factor of the multiplication problem tells us how many skips we need. The second factor tells us how far to go each skip.

Drag the numbers into each multiplication sentence.

0 12

number of skips distance between each skip answer

2 6 3

0 12

number of skips distance between each skip answer

5 10 2

0 12

number of skips distance between each skip answer

2 4 8

Use this slide to help you work through the problem. When you think you've got it, you can go back and choose the correct answer.

We can use a number line to help us multiply. If we want to determine how many equal groups we can make from a total amount, we can skip-count on a number line.

Let's determine how many groups of 2 we can make from 12. We will need to skip count by 2 until we get to 12.

0 12

How many skips did it take to get to 12?

Use this slide to help you work through the problem. When you think you've got it, you can go back and choose the correct answer.

Team 1 Team 2 Team 3

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

How many skips did it take to get to 12?



This LINKtivity is provided with

AUDIO SUPPORT



Perfect for English language learners or students who could use a little extra support!


Answer the question below correctly to reveal a piece of the mystery picture.

TRUE 
OR FALSE? 

5 x 3 = 12

You can use the number line to help you.

0 ————— 20

Click on the thumbs up picture if the statement above is true.
Click on the thumbs down picture if the statement above is false.

REVEAL THE MYSTERY PICTURE

Correct! Click "Continue" to Move On!



Printable & Digital Student Recording Sheet

Printable Recording Sheet for LINKtivity

Multiplication on a Number Line

Record the answers from the practice problems in the LINKtivity®.

0 20

- Number of Groups:
Ans.
- (circle one)
True
or
False
- Write the multiplication sentence below:
 x =
- Circle the correct number line:
- Fill in the number line below:
- Write the multiplication sentence for each number line below:
- Fill in the missing number for each multiplication sentence below:
 $3 \times \square = 9$
 $\square \times 2 = 8$
 $7 \times 2 = \square$
- Circle the correct number line:
- (circle one)
True
or
False
- Fill in the missing numbers below:
 groups of
 $4 \times 2 = \square$

©2011-Present LINKtivity® Learning. ALL RIGHTS RESERVED.

Multiplication on a Number Line

Record the answers from the practice problems in the LINKtivity®.

0 20

- Number of Groups:
Ans.
- (circle one)
True
or
False
- Write the multiplication sentence below:
 x =
- Circle the correct number line:
- Fill in the number line below:
- Write the multiplication sentence for each number line below:
- Fill in the missing number for each multiplication sentence below:
 $3 \times \square = 9$
 $\square \times 2 = 8$
 $7 \times 2 = \square$
- Circle the correct number line:
- (circle one)
True
or
False
- Fill in the missing numbers below:
 groups of
 $4 \times 2 = \square$

Digital Recording Sheet for LINKtivity in Google Slides

Answer Key

Multiplication on a Number Line

Record the answers from the practice problems in the LINKtivity®.

0 20

- Number of Groups:
6 groups
- (circle one)
True
or
False
- Write the multiplication sentence below:
 $3 \times 6 = 18$
- Circle the correct number line:
- Fill in the number line below:
- Write the multiplication sentence for each number line below:
 $3 \times 2 = 6$
 $5 \times 2 = 10$
 $2 \times 4 = 8$
- Fill in the missing number for each multiplication sentence below:
 $3 \times 3 = 9$
 $4 \times 2 = 8$
 $7 \times 2 = 14$
- Circle the correct number line:
- (circle one)
True
or
False
- Fill in the missing numbers below:
4 groups of 2
 $4 \times 2 = 8$

Answer Key

©2011-Present LINKtivity® Learning. ALL RIGHTS RESERVED.

