Multiplication on a Number Line

Grade 3

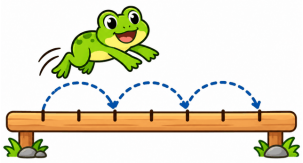
Name _____ Date _____

Remember: Count the **hops** and the **size** of each hop: 4 hops of 3 = 4 × 3 = **12**.

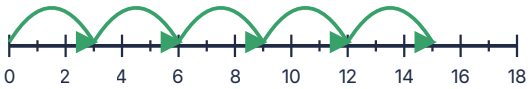
Skip count along the line to check.

1. Use the pictures

Look at the picture. Fill in the blanks.

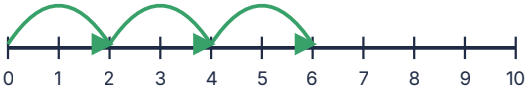


1.



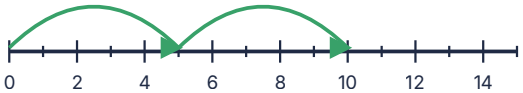
____ hops of ____ = ____

2.



____ hops of ____ = ____

3.



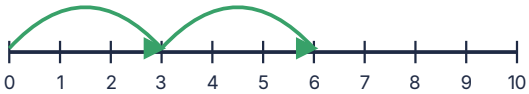
____ hops of ____ = ____

4.



____ hops of ____ = ____

5.



____ hops of ____ = ____

6.



____ hops of ____ = ____

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2. More practice

Fill in the blank.

1. 3 × 4 = _____
2. 3 × 2 = _____
3. 3 × 3 = _____
4. 4 × 2 = _____
5. 4 × 5 = _____
6. 6 × 2 = _____

3. Word problems

Solve. Show your work.

1. **A frog jumps 4 spaces each hop. Where is it after 5 hops?**

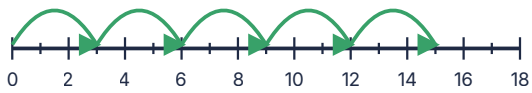
2. **Show 3 × 6 on a number line. Where do you land?**

Answer Key

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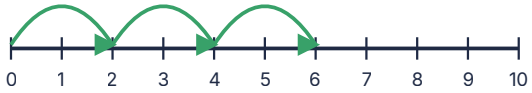
1. Use the pictures

1.



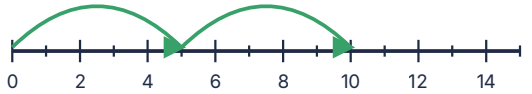
5 hops of **3** = **15**

2.



3 hops of **2** = **6**

3.



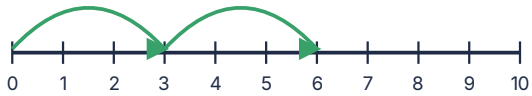
2 hops of **5** = **10**

4.



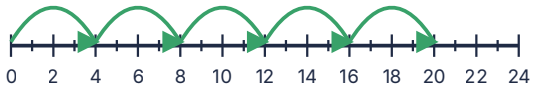
2 hops of **4** = **8**

5.



2 hops of **3** = **6**

6.



5 hops of **4** = **20**

2. More practice

1. 3 × 4 = **12**
2. 3 × 2 = **6**
3. 3 × 3 = **9**
4. 4 × 2 = **8**
5. 4 × 5 = **20**
6. 6 × 2 = **12**

3. Word problems

Answers.

1. **A frog jumps 4 spaces each hop. Where is it after 5 hops?**
   5 × 4 = 20
2. **Show 3 × 6 on a number line. Where do you land?**
   Three hops of 6: 6, 12, 18. You land on 18.