

Intro to Multiplication: Equal Groups

Grade 2 • MATH • Multiplication as equal groups and repeated addition • Standards: 2.OA.C.4

Look at each problem carefully. Write the repeated-addition sentence and then write the multiplication sentence that shows the same thing.

1. There are 3 groups. Each group has 2 apples. Write the repeated-addition sentence: $\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$. Write the multiplication sentence: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

2. There are 2 groups. Each group has 5 flowers. Write the repeated-addition sentence: $\underline{\quad} + \underline{\quad} = \underline{\quad}$. Write the multiplication sentence: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

3. There are 4 groups. Each group has 2 birds. Write the repeated-addition sentence: $\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$. Write the multiplication sentence: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

4. There are 3 groups. Each group has 3 toys. Write the repeated-addition sentence: $\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$. Write the multiplication sentence: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

5. There are 5 groups. Each group has 2 pencils. Write the repeated-addition sentence: $\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$. Write the multiplication sentence: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

6. There are 2 groups. Each group has 7 crayons. Write the repeated-addition sentence: $\underline{\quad} + \underline{\quad} = \underline{\quad}$. Write the multiplication sentence: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

7. There are 4 groups. Each group has 3 books. Write the repeated-addition sentence: $\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$. Write the multiplication sentence: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

8. There are 3 groups. Each group has 5 cookies. Write the repeated-addition sentence: $\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$. Write the multiplication sentence: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

9. There are 6 groups. Each group has 2 shoes. Write the repeated-addition sentence: $\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$. Write the multiplication sentence: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

10. There are 4 groups. Each group has 4 marbles. Write the repeated-addition sentence: $\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$. Write the multiplication sentence: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

11. There are 5 groups. Each group has 3 balls. Write the repeated-addition sentence: $\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$. Write the multiplication sentence: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

12. There are 3 groups. Each group has 6 stickers. Write the repeated-addition sentence: $\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$. Write the multiplication sentence: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

Answer Key — Intro to Multiplication: Equal Groups

For the teacher / parent. Do not distribute with the worksheet.

1. $2 + 2 + 2 = 6$; $3 \times 2 = 6$ (Three groups of 2 equals 6)
2. $5 + 5 = 10$; $2 \times 5 = 10$ (Two groups of 5 equals 10)
3. $2 + 2 + 2 + 2 = 8$; $4 \times 2 = 8$ (Four groups of 2 equals 8)
4. $3 + 3 + 3 = 9$; $3 \times 3 = 9$ (Three groups of 3 equals 9)
5. $2 + 2 + 2 + 2 + 2 = 10$; $5 \times 2 = 10$ (Five groups of 2 equals 10)
6. $7 + 7 = 14$; $2 \times 7 = 14$ (Two groups of 7 equals 14)
7. $3 + 3 + 3 + 3 = 12$; $4 \times 3 = 12$ (Four groups of 3 equals 12)
8. $5 + 5 + 5 = 15$; $3 \times 5 = 15$ (Three groups of 5 equals 15)
9. $2 + 2 + 2 + 2 + 2 + 2 = 12$; $6 \times 2 = 12$ (Six groups of 2 equals 12)
10. $4 + 4 + 4 + 4 = 16$; $4 \times 4 = 16$ (Four groups of 4 equals 16)
11. $3 + 3 + 3 + 3 + 3 = 15$; $5 \times 3 = 15$ (Five groups of 3 equals 15)
12. $6 + 6 + 6 = 18$; $3 \times 6 = 18$ (Three groups of 6 equals 18)