Christmas Multiplication: Equal Groups

Grade 3

Name _____ Date _____

Grown-ups: multiplication starts with equal groups. Ask "How many groups?" and "How many in each group?" before your child writes anything. 3 groups of 4 is the same as 3 × 4.

Count the groups and how many are in each. Write the multiplication sentence.



There are ____ plates with ____ cookies on each.

□ × □ = □



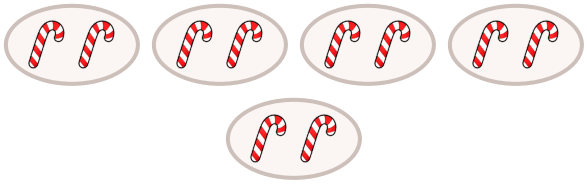
There are ____ boxes with ____ ornaments on each.

□ × □ = □



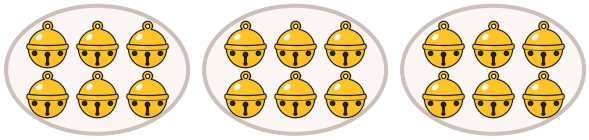
There are ____ trees with ____ stars on each.

□ × □ = □



There are ____ jars with ____ candy canes on each.

□ × □ = □



There are ____ wreaths with ____ bells on each.

□ × □ = □



There are ____ trays with ____ gingerbread men on each.

□ × □ = □

Christmas Multiplication: Arrays

Grade 3

Name _____ Date _____

Count the rows and how many in each row. Write two multiplication sentences.

An array can be read two ways. 3 rows of 5 is 3 × 5, and 5 columns of 3 is 5 × 3. Both make the same total.



Rows: ____ In each row: ____

□ × □ = □

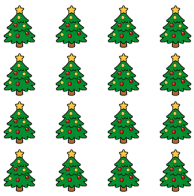
□ × □ = □



Rows: ____ In each row: ____

□ × □ = □

□ × □ = □



Rows: ____ In each row: ____

□ × □ = □

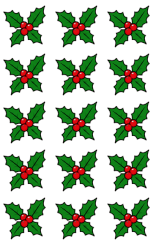
□ × □ = □



Rows: ____ In each row: ____

□ × □ = □

□ × □ = □



Rows: ____ In each row: ____

□ × □ = □

□ × □ = □



Rows: ____ In each row: ____

□ × □ = □

□ × □ = □

Multiplication Advent Calendar

Grade 3



Name _____ Date _____

Open a door each day of December. Solve the fact behind it.

Or solve them all at once! Any number times 0 is 0, and any number times 1 is itself.

1 **2 × 6** ____	2 **5 × 4** ____	3 **10 × 3** ____	4 **3 × 7** ____	5 **4 × 8** ____	6 **6 × 6** ____
7 **9 × 2** ____	8 **5 × 9** ____	9 **7 × 4** ____	10 **8 × 3** ____	11 **10 × 10** ____	12 **6 × 5** ____
13 **3 × 9** ____	14 **4 × 4** ____	15 **7 × 7** ____	16 **2 × 8** ____	17 **9 × 5** ____	18 **8 × 6** ____
19 **1 × 9** ____	20 **6 × 7** ____	21 **0 × 8** ____	22 **9 × 9** ____	23 **7 × 8** ____	24 **8 × 8** ____



Finished? Colour every door you got right.



North Pole Multiplication Stories

Grade 3

Name _____ Date _____

Read each story. Draw it, then write the multiplication sentence.

Look for the number of groups and the number in each group.



Santa's sleigh is pulled by 8 reindeer. Each reindeer has 4 legs. How many legs is that altogether?

Draw groups or an array

□ × □ = □



An elf packs 6 boxes with 5 toy trains in each box. How many toy trains does the elf pack?

Draw groups or an array

□ × □ = □



Pip the penguin bakes 3 trays of cookies with 9 cookies on each tray. How many cookies does Pip bake?

Draw groups or an array

□ × □ = □



Each gingerbread house has 7 candy windows. How many windows are there on 4 gingerbread houses?

Draw groups or an array

□ × □ = □



There are 9 stockings on the fireplace. Each stocking holds 2 candy canes. How many candy canes are in the stockings?

Draw groups or an array

□ × □ = □



Mrs. Claus puts 6 red berries on each wreath. She makes 6 wreaths. How many berries does she use?

Draw groups or an array

□ × □ = □

Christmas Multiplication

Answer Key



Page 1 – Equal groups

3 × 4 = 12 cookies	**2 × 5 = 10** ornaments	**4 × 3 = 12** stars
5 × 2 = 10 candy canes	**3 × 6 = 18** bells	**4 × 4 = 16** gingerbread men

Page 2 – Arrays

3 × 5 = 15 **5 × 3 = 15** gifts	**2 × 6 = 12** **6 × 2 = 12** stockings	**4 × 4 = 16** **4 × 4 = 16** trees
3 × 7 = 21 **7 × 3 = 21** mittens	**5 × 3 = 15** **3 × 5 = 15** holly sprigs	**2 × 8 = 16** **8 × 2 = 16** snowmen

Page 3 – Advent calendar

1. **2 × 6 = 12**	2. **5 × 4 = 20**	3. **10 × 3 = 30**	4. **3 × 7 = 21**
5. **4 × 8 = 32**	6. **6 × 6 = 36**	7. **9 × 2 = 18**	8. **5 × 9 = 45**
9. **7 × 4 = 28**	10. **8 × 3 = 24**	11. **10 × 10 = 100**	12. **6 × 5 = 30**
13. **3 × 9 = 27**	14. **4 × 4 = 16**	15. **7 × 7 = 49**	16. **2 × 8 = 16**
17. **9 × 5 = 45**	18. **8 × 6 = 48**	19. **1 × 9 = 9**	20. **6 × 7 = 42**
21. **0 × 8 = 0**	22. **9 × 9 = 81**	23. **7 × 8 = 56**	24. **8 × 8 = 64**

Page 4 – Stories

1. **8 × 4 = 32**	2. **6 × 5 = 30**	3. **3 × 9 = 27**
4. **7 × 4 = 28**	5. **9 × 2 = 18**	6. **6 × 6 = 36**