Equal Groups Word Problems - ANSWER KEY

Grade 3 | Solving short word problems about equal groups with multiplication | Version 1 of 10

Read each problem. Write a multiplication equation and solve. Include the unit in your answer.

1. Mia plants 3 pots with 5 seeds in each pot. How many seeds does she plant?

   Equation: **3 × 5 = 15** Answer: **15 seeds**

2. A class makes 8 rows of chairs with 9 chairs in each row. How many chairs are there?

   Equation: **8 × 9 = 72** Answer: **72 chairs**

3. There are 3 teams with 2 players on each team. How many players are there?

   Equation: **3 × 2 = 6** Answer: **6 players**

4. A muffin pan has 8 rows with 3 cups in each row. How many muffins can it hold?

   Equation: **8 × 3 = 24** Answer: **24 muffins**

5. 8 shelves each hold 5 books. How many books are on the shelves?

   Equation: **8 × 5 = 40** Answer: **40 books**

6. A class makes 6 rows of chairs with 8 chairs in each row. How many chairs are there?

   Equation: **6 × 8 = 48** Answer: **48 chairs**

7. Each bike rack holds 9 bikes. How many bikes can 7 bike racks hold?

   Equation: **7 × 9 = 63** Answer: **63 bikes**

8. Each bike rack holds 7 bikes. How many bikes can 2 bike racks hold?

   Equation: **2 × 7 = 14** Answer: **14 bikes**

Equal Groups Word Problems - ANSWER KEY

Grade 3 | Solving short word problems about equal groups with multiplication | Version 2 of 10

Read each problem. Write a multiplication equation and solve. Include the unit in your answer.

1. There are 2 boxes of crayons. Each box has 9 crayons. How many crayons are there?

   Equation: **2 × 9 = 18** Answer: **18 crayons**

2. 3 shelves each hold 6 books. How many books are on the shelves?

   Equation: **3 × 6 = 18** Answer: **18 books**

3. There are 9 bags. Each bag has 2 apples. How many apples are there in all?

   Equation: **9 × 2 = 18** Answer: **18 apples**

4. There are 4 boxes of crayons. Each box has 3 crayons. How many crayons are there?

   Equation: **4 × 3 = 12** Answer: **12 crayons**

5. A muffin pan has 7 rows with 5 cups in each row. How many muffins can it hold?

   Equation: **7 × 5 = 35** Answer: **35 muffins**

6. A class makes 2 rows of chairs with 7 chairs in each row. How many chairs are there?

   Equation: **2 × 7 = 14** Answer: **14 chairs**

7. A pack has 9 stickers. How many stickers are in 3 packs?

   Equation: **3 × 9 = 27** Answer: **27 stickers**

8. Leo reads 6 pages each day for 7 days. How many pages does he read?

   Equation: **7 × 6 = 42** Answer: **42 pages**

Equal Groups Word Problems - ANSWER KEY

Grade 3 | Solving short word problems about equal groups with multiplication | Version 3 of 10

Read each problem. Write a multiplication equation and solve. Include the unit in your answer.

1. Mia plants 5 pots with 3 seeds in each pot. How many seeds does she plant?

   Equation: **5 × 3 = 15** Answer: **15 seeds**

2. There are 3 boxes of crayons. Each box has 9 crayons. How many crayons are there?

   Equation: **3 × 9 = 27** Answer: **27 crayons**

3. There are 5 bags. Each bag has 7 apples. How many apples are there in all?

   Equation: **5 × 7 = 35** Answer: **35 apples**

4. Mia plants 6 pots with 7 seeds in each pot. How many seeds does she plant?

   Equation: **6 × 7 = 42** Answer: **42 seeds**

5. A pack has 2 stickers. How many stickers are in 4 packs?

   Equation: **4 × 2 = 8** Answer: **8 stickers**

6. A class makes 5 rows of chairs with 5 chairs in each row. How many chairs are there?

   Equation: **5 × 5 = 25** Answer: **25 chairs**

7. There are 3 boxes of crayons. Each box has 7 crayons. How many crayons are there?

   Equation: **3 × 7 = 21** Answer: **21 crayons**

8. A class makes 2 rows of chairs with 6 chairs in each row. How many chairs are there?

   Equation: **2 × 6 = 12** Answer: **12 chairs**

Equal Groups Word Problems - ANSWER KEY

Grade 3 | Solving short word problems about equal groups with multiplication | Version 4 of 10

Read each problem. Write a multiplication equation and solve. Include the unit in your answer.

1. There are 6 bags. Each bag has 7 apples. How many apples are there in all?

   Equation: **6 × 7 = 42** Answer: **42 apples**

2. Leo reads 8 pages each day for 8 days. How many pages does he read?

   Equation: **8 × 8 = 64** Answer: **64 pages**

3. A class makes 8 rows of chairs with 6 chairs in each row. How many chairs are there?

   Equation: **8 × 6 = 48** Answer: **48 chairs**

4. Leo reads 4 pages each day for 4 days. How many pages does he read?

   Equation: **4 × 4 = 16** Answer: **16 pages**

5. A muffin pan has 2 rows with 9 cups in each row. How many muffins can it hold?

   Equation: **2 × 9 = 18** Answer: **18 muffins**

6. Mia plants 6 pots with 2 seeds in each pot. How many seeds does she plant?

   Equation: **6 × 2 = 12** Answer: **12 seeds**

7. Each bike rack holds 8 bikes. How many bikes can 2 bike racks hold?

   Equation: **2 × 8 = 16** Answer: **16 bikes**

8. There are 9 teams with 5 players on each team. How many players are there?

   Equation: **9 × 5 = 45** Answer: **45 players**

Equal Groups Word Problems - ANSWER KEY

Grade 3 | Solving short word problems about equal groups with multiplication | Version 5 of 10

Read each problem. Write a multiplication equation and solve. Include the unit in your answer.

1. There are 2 bags. Each bag has 4 apples. How many apples are there in all?

   Equation: **2 × 4 = 8** Answer: **8 apples**

2. A pack has 2 stickers. How many stickers are in 2 packs?

   Equation: **2 × 2 = 4** Answer: **4 stickers**

3. Each bike rack holds 2 bikes. How many bikes can 2 bike racks hold?

   Equation: **2 × 2 = 4** Answer: **4 bikes**

4. Mia plants 3 pots with 9 seeds in each pot. How many seeds does she plant?

   Equation: **3 × 9 = 27** Answer: **27 seeds**

5. A muffin pan has 3 rows with 5 cups in each row. How many muffins can it hold?

   Equation: **3 × 5 = 15** Answer: **15 muffins**

6. There are 8 boxes of crayons. Each box has 7 crayons. How many crayons are there?

   Equation: **8 × 7 = 56** Answer: **56 crayons**

7. 2 shelves each hold 3 books. How many books are on the shelves?

   Equation: **2 × 3 = 6** Answer: **6 books**

8. There are 6 bags. Each bag has 5 apples. How many apples are there in all?

   Equation: **6 × 5 = 30** Answer: **30 apples**

Equal Groups Word Problems - ANSWER KEY

Grade 3 | Solving short word problems about equal groups with multiplication | Version 6 of 10

Read each problem. Write a multiplication equation and solve. Include the unit in your answer.

1. There are 2 bags. Each bag has 3 apples. How many apples are there in all?

   Equation: **2 × 3 = 6** Answer: **6 apples**

2. Leo reads 4 pages each day for 3 days. How many pages does he read?

   Equation: **3 × 4 = 12** Answer: **12 pages**

3. 6 shelves each hold 8 books. How many books are on the shelves?

   Equation: **6 × 8 = 48** Answer: **48 books**

4. A pack has 3 stickers. How many stickers are in 9 packs?

   Equation: **9 × 3 = 27** Answer: **27 stickers**

5. There are 8 boxes of crayons. Each box has 2 crayons. How many crayons are there?

   Equation: **8 × 2 = 16** Answer: **16 crayons**

6. A muffin pan has 6 rows with 5 cups in each row. How many muffins can it hold?

   Equation: **6 × 5 = 30** Answer: **30 muffins**

7. There are 5 boxes of crayons. Each box has 6 crayons. How many crayons are there?

   Equation: **5 × 6 = 30** Answer: **30 crayons**

8. 2 shelves each hold 9 books. How many books are on the shelves?

   Equation: **2 × 9 = 18** Answer: **18 books**

Equal Groups Word Problems - ANSWER KEY

Grade 3 | Solving short word problems about equal groups with multiplication | Version 7 of 10

Read each problem. Write a multiplication equation and solve. Include the unit in your answer.

1. Mia plants 5 pots with 2 seeds in each pot. How many seeds does she plant?

   Equation: **5 × 2 = 10** Answer: **10 seeds**

2. A pack has 4 stickers. How many stickers are in 4 packs?

   Equation: **4 × 4 = 16** Answer: **16 stickers**

3. There are 7 boxes of crayons. Each box has 3 crayons. How many crayons are there?

   Equation: **7 × 3 = 21** Answer: **21 crayons**

4. Leo reads 8 pages each day for 3 days. How many pages does he read?

   Equation: **3 × 8 = 24** Answer: **24 pages**

5. Mia plants 7 pots with 6 seeds in each pot. How many seeds does she plant?

   Equation: **7 × 6 = 42** Answer: **42 seeds**

6. Leo reads 8 pages each day for 2 days. How many pages does he read?

   Equation: **2 × 8 = 16** Answer: **16 pages**

7. A pack has 8 stickers. How many stickers are in 6 packs?

   Equation: **6 × 8 = 48** Answer: **48 stickers**

8. A pack has 5 stickers. How many stickers are in 4 packs?

   Equation: **4 × 5 = 20** Answer: **20 stickers**

Equal Groups Word Problems - ANSWER KEY

Grade 3 | Solving short word problems about equal groups with multiplication | Version 8 of 10

Read each problem. Write a multiplication equation and solve. Include the unit in your answer.

1. There are 4 bags. Each bag has 4 apples. How many apples are there in all?

   Equation: **4 × 4 = 16** Answer: **16 apples**

2. Leo reads 4 pages each day for 9 days. How many pages does he read?

   Equation: **9 × 4 = 36** Answer: **36 pages**

3. Leo reads 7 pages each day for 3 days. How many pages does he read?

   Equation: **3 × 7 = 21** Answer: **21 pages**

4. A muffin pan has 6 rows with 6 cups in each row. How many muffins can it hold?

   Equation: **6 × 6 = 36** Answer: **36 muffins**

5. 6 shelves each hold 3 books. How many books are on the shelves?

   Equation: **6 × 3 = 18** Answer: **18 books**

6. A class makes 5 rows of chairs with 9 chairs in each row. How many chairs are there?

   Equation: **5 × 9 = 45** Answer: **45 chairs**

7. Leo reads 3 pages each day for 4 days. How many pages does he read?

   Equation: **4 × 3 = 12** Answer: **12 pages**

8. A muffin pan has 3 rows with 9 cups in each row. How many muffins can it hold?

   Equation: **3 × 9 = 27** Answer: **27 muffins**

Equal Groups Word Problems - ANSWER KEY

Grade 3 | Solving short word problems about equal groups with multiplication | Version 9 of 10

Read each problem. Write a multiplication equation and solve. Include the unit in your answer.

1. Leo reads 8 pages each day for 7 days. How many pages does he read?

   Equation: **7 × 8 = 56** Answer: **56 pages**

2. 5 shelves each hold 8 books. How many books are on the shelves?

   Equation: **5 × 8 = 40** Answer: **40 books**

3. Each bike rack holds 8 bikes. How many bikes can 3 bike racks hold?

   Equation: **3 × 8 = 24** Answer: **24 bikes**

4. There are 3 teams with 7 players on each team. How many players are there?

   Equation: **3 × 7 = 21** Answer: **21 players**

5. Each bike rack holds 3 bikes. How many bikes can 2 bike racks hold?

   Equation: **2 × 3 = 6** Answer: **6 bikes**

6. Leo reads 5 pages each day for 4 days. How many pages does he read?

   Equation: **4 × 5 = 20** Answer: **20 pages**

7. 7 shelves each hold 2 books. How many books are on the shelves?

   Equation: **7 × 2 = 14** Answer: **14 books**

8. Leo reads 9 pages each day for 7 days. How many pages does he read?

   Equation: **7 × 9 = 63** Answer: **63 pages**

Equal Groups Word Problems - ANSWER KEY

Grade 3 | Solving short word problems about equal groups with multiplication | Version 10 of 10

Read each problem. Write a multiplication equation and solve. Include the unit in your answer.

1. Leo reads 3 pages each day for 7 days. How many pages does he read?

   Equation: **7 × 3 = 21** Answer: **21 pages**

2. A pack has 4 stickers. How many stickers are in 6 packs?

   Equation: **6 × 4 = 24** Answer: **24 stickers**

3. There are 6 teams with 4 players on each team. How many players are there?

   Equation: **6 × 4 = 24** Answer: **24 players**

4. A muffin pan has 2 rows with 3 cups in each row. How many muffins can it hold?

   Equation: **2 × 3 = 6** Answer: **6 muffins**

5. There are 7 teams with 8 players on each team. How many players are there?

   Equation: **7 × 8 = 56** Answer: **56 players**

6. A muffin pan has 6 rows with 8 cups in each row. How many muffins can it hold?

   Equation: **6 × 8 = 48** Answer: **48 muffins**

7. There are 8 teams with 4 players on each team. How many players are there?

   Equation: **8 × 4 = 32** Answer: **32 players**

8. There are 2 teams with 3 players on each team. How many players are there?

   Equation: **2 × 3 = 6** Answer: **6 players**