

# Grade 3 Multiplication Challenge Worksheet Set 069

Grade 3 · Multiplication · Challenge

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Use multiplication facts, missing factors, equal groups, and arrays. Check each product with repeated addition or a related fact.

1. Find the product:  $9 \times 8$ .

Answer: \_\_\_\_\_

2. What number makes  $8 \times ? = 72$  true?

Answer: \_\_\_\_\_

3. There are 8 equal groups of 9 cards. How many cards are there?

Answer: \_\_\_\_\_

4. An array has 7 rows with 6 items in each row. How many items are in the array?

Answer: \_\_\_\_\_

5. What is the positive difference between  $8 \times 4$  and  $8 \times 10$ ?

Answer: \_\_\_\_\_

6. A class packs 3 boxes with 7 pencils in each box, then adds 2 loose pencils. How many pencils are there?

Answer: \_\_\_\_\_

7. Find the product:  $10 \times 8$ .

Answer: \_\_\_\_\_

8. What number makes  $4 \times ? = 28$  true?

Answer: \_\_\_\_\_

9. There are 10 equal groups of 3 counters. How many counters are there?

Answer: \_\_\_\_\_

10. An array has 9 rows with 7 items in each row. How many items are in the array?

Answer: \_\_\_\_\_

11. What is the positive difference between  $8 \times 2$  and  $2 \times 4$ ?

Answer: \_\_\_\_\_

12. A class packs 6 boxes with 4 pencils in each box, then adds 14 loose pencils. How many pencils are there?

Answer: \_\_\_\_\_

13. Find the product:  $7 \times 6$ .

Answer: \_\_\_\_\_

14. What number makes  $3 \times ? = 30$  true?

Answer: \_\_\_\_\_

15. There are 9 equal groups of 5 shells. How many shells are there?

Answer: \_\_\_\_\_

16. An array has 3 rows with 10 items in each row. How many items are in the array?

Answer: \_\_\_\_\_

17. What is the positive difference between  $2 \times 5$  and  $4 \times 7$ ?

Answer: \_\_\_\_\_

18. A class packs 8 boxes with 5 pencils in each box, then adds 18 loose pencils. How many pencils are there?

Answer: \_\_\_\_\_

19. Find the product:  $2 \times 2$ .

Answer: \_\_\_\_\_

20. What number makes  $6 \times ? = 60$  true?

Answer: \_\_\_\_\_

21. There are 4 equal groups of 7 counters. How many counters are there?

Answer: \_\_\_\_\_

22. An array has 4 rows with 6 items in each row. How many items are in the array?

Answer: \_\_\_\_\_

23. What is the positive difference between  $3 \times 10$  and  $8 \times 9$ ?

Answer: \_\_\_\_\_

24. A class packs 2 boxes with 2 pencils in each box, then adds 8 loose pencils. How many pencils are there?

Answer: \_\_\_\_\_

# Answer Key

Answers for all 24 questions

|        |        |
|--------|--------|
| 1. 72  | 2. 9   |
| 3. 72  | 4. 42  |
| 5. 48  | 6. 23  |
| 7. 80  | 8. 7   |
| 9. 30  | 10. 63 |
| 11. 8  | 12. 38 |
| 13. 42 | 14. 10 |
| 15. 45 | 16. 30 |
| 17. 18 | 18. 58 |
| 19. 4  | 20. 10 |
| 21. 28 | 22. 24 |
| 23. 42 | 24. 12 |