

Grade 3 Multiplication Challenge Worksheet Set 045

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: 6×3 .

Answer: _____

2. What number makes $4 \times ? = 12$ true?

Answer: _____

3. There are 2 equal groups of 2 cards. How many cards are there?

Answer: _____

4. An array has 9 rows with 8 items in each row. How many items are in the array?

Answer: _____

5. What is the positive difference between 3×9 and 5×7 ?

Answer: _____

6. A class packs 3 boxes with 8 pencils in each box, then adds 13 loose pencils. How many pencils are there?

Answer: _____

7. Find the product: 3×8 .

Answer: _____

8. What number makes $9 \times ? = 45$ true?

Answer: _____

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

Answer: _____

10. An array has 4 rows with 2 items in each row. How many items are in the array?

Answer: _____

11. What is the positive difference between 2×3 and 8×2 ?

Answer: _____

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

Answer: _____

13. Find the product: 8×7 .

Answer: _____

14. What number makes $2 \times ? = 16$ true?

Answer: _____

15. There are 3 equal groups of 4 shells. How many shells are there?

Answer: _____

16. An array has 5 rows with 6 items in each row. How many items are in the array?

Answer: _____

17. What is the positive difference between 8×10 and 9×7 ?

Answer: _____

18. A class packs 4 boxes with 10 pencils in each box, then adds 14 loose pencils. How many pencils are there?

Answer: _____

19. Find the product: 9×4 .

Answer: _____

20. What number makes $3 \times ? = 21$ true?

Answer: _____

21. There are 10 equal groups of 5 counters. How many counters are there?

Answer: _____

22. An array has 10 rows with 8 items in each row. How many items are in the array?

Answer: _____

23. What is the positive difference between 8×6 and 5×2 ?

Answer: _____

24. A class packs 7 boxes with 5 pencils in each box, then adds 4 loose pencils. How many pencils are there?

Answer: _____

Answer Key

Answers for all 24 questions

1. 18	2. 3
3. 4	4. 72
5. 8	6. 37
7. 24	8. 5
9. 64	10. 8
11. 10	12. 10
13. 56	14. 8
15. 12	16. 30
17. 17	18. 54
19. 36	20. 7
21. 50	22. 80
23. 38	24. 39