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Multiplication Riddles



30 riddles from easy to tricky. Write your answer on the line. Answers are on the last page.

Easy riddles ★

1. I look like a little letter x. Put me between 3 and 4, and you get 12. What am I?

   ANSWER _____

2. You have 9 pairs of socks. How many socks is that?

   ANSWER _____

3. Multiply any number by me, and the answer is that same number. 7 × me = 7, and 250 × me = 250. Which number am I?

   ANSWER _____

4. Multiply any number by me, and the answer is always the same: nothing at all. Which number am I?

   ANSWER _____

5. A spider has 8 legs. How many legs do 4 spiders have?

   ANSWER _____

6. A nickel is worth 5 cents. How many cents are 9 nickels worth?

   ANSWER _____

7. What is 10 × 46?

   ANSWER _____

8. Three kids hold up both hands. How many fingers are they holding up altogether?

   ANSWER _____

9. I'm the answer you get when you multiply. In 3 × 5 = 15, I'm the 15. What am I called?

   ANSWER _____

10. I'm a neat rectangle of dots or objects in rows and columns, like 4 rows of 5 stickers. I help you see multiplication. What am I?

    ANSWER _____

Medium riddles ★★

11. Hold up all 10 fingers. To find 9 × 7, fold down your 7th finger from the left. There are 6 fingers up on the left and 3 on the right. What is 9 × 7?

    ANSWER _____

12. I'm a number. Multiply me by myself and you get 36. What number am I?

    ANSWER _____

13. 4 × 7 gives the same answer as 7 × 4. You can swap the numbers in any multiplication and the answer stays the same. What is this rule called?

    ANSWER _____

14. A box holds 8 crayons. Ms. Lee buys 6 boxes for her art table. How many crayons does she have?

    ANSWER _____

15. A week has 7 days. How many days are in 5 weeks?

ANSWER _____

16. A tricycle has 3 wheels. How many wheels are on 7 tricycles?

ANSWER _____

17. I'm the product of 3 and 4, and also of 2 and 6. Bakers sell eggs and doughnuts by me, and they call me a dozen. What number am I?

ANSWER _____

18. 1, 4, 9, 16, 25... Each of these numbers is a number times itself. What is the 7th number in the list?

ANSWER _____

19. 11 × 6 = 66, 11 × 7 = 77, and 11 × 8 = 88. What is 11 × 9?

ANSWER _____

20. A classroom has 5 rows of desks with 6 desks in each row. Two desks are empty today. How many kids are sitting at desks?

ANSWER _____

Tricky riddles ★★★

21. I'm thinking of a number. I multiply it by 4, then add 3, and I get 31. What is my number?

ANSWER _____

22. Two numbers multiply to make 24 and add up to 10. What are they?

ANSWER _____

23. There are 4 quarters in a dollar, and each quarter is worth 25 cents. What is 25 × 4?

ANSWER _____

24. A farmer counts 10 heads and 28 legs among her cows and chickens. How many cows does she have?

ANSWER _____

25. To multiply a number by 4, you can double it, then double the answer. How many times do you double a number to multiply it by 8?

ANSWER _____

26. Which is bigger: 6 × 7 or 5 × 8?

ANSWER _____

27. Besides 0, I'm the only number that gives the same answer when you add me to myself and when you multiply me by myself. What number am I?

ANSWER _____

28. Nine friends each want 2 slices of pizza. Every pizza is cut into 8 slices. What's the smallest number of whole pizzas they need to order?

ANSWER _____

29. Look at the 9 times table from 9 × 1 to 9 × 10: 9, 18, 27, 36... Add the digits of each answer. What do you always get?

ANSWER _____

30. Skip count by 7s, starting at 7. What is the 8th number you say?

ANSWER _____

Answers

Multiplication Riddles · answer key · print or fold this page away before you hand out the sheet

1. **The multiplication sign**
2. **18 socks. 9 × 2 = 18.**
3. **1**
4. **0**
5. **32 legs. 4 × 8 = 32.**
6. **45 cents. 9 × 5 = 45.**
7. **460.** When you multiply a whole number by 10, just put a zero on the end.
8. **30 fingers. 3 × 2 = 6 hands, and 6 × 5 = 30.**
9. **The product**
10. **An array**
11. **63**
12. **6. 6 × 6 = 36.**
13. **The commutative property**
14. **48 crayons. 6 × 8 = 48.**
15. **35 days. 5 × 7 = 35.**
16. **21 wheels. 7 × 3 = 21.**
17. **12**
18. **49. 7 × 7 = 49.**
19. **99.** For 1 to 9, multiplying by 11 just writes the digit twice.
20. **28 kids. 5 × 6 = 30, and 30 − 2 = 28.**
21. **7. 31 − 3 = 28, and 28 ÷ 4 = 7.**
22. **4 and 6. 4 × 6 = 24 and 4 + 6 = 10.**
23. **100**
24. **4 cows. 4 cows have 16 legs and 6 chickens have 12 legs, which makes 28.**
25. **Three times.** For example, 6 → 12 → 24 → 48, and 6 × 8 = 48.
26. **6 × 7.** It makes 42, and 5 × 8 makes 40.
27. **2. 2 + 2 = 4 and 2 × 2 = 4.**
28. **3 pizzas. 9 × 2 = 18 slices, 2 pizzas give only 16, and 3 pizzas give 24.**
29. **9. 1 + 8 = 9, 2 + 7 = 9, and so on up to 9 + 0 = 9.**
30. **56. 7, 14, 21, 28, 35, 42, 49, 56.**

Need a hint? Every riddle has one at riddlepedia.com/multiplication-riddles/, where you can also play them as a game.