

# 40 Maths Riddles with answers and with different sections and explanations

### Section 1: Warm-Up Riddles (Easy)

- 1. I am a number. I am greater than 9 but less than 12. What number am I?
- 2. What has one head, one foot, and four legs, but can't walk?
- 3. What is full of holes but still holds water?
- 4. If you multiply me by any other number, the answer will always be the same. What number am I?
- 5. What is always coming, but never arrives?

Section 2: Getting Started (Slightly Less Easy)

- 6. What is the next number in the sequence: 2, 4, 8, 16,?
- 7. If there are 3 apples and you take away 2, how many do you have?
- 8. How many months have 28 days?
- 9. What is heavier: a pound of feathers or a pound of bricks?
- 10. I am an odd number. Take away a letter and I become even. What number am I?

Section 3: Warming Up the Brain (Medium)

- 11. You have 10 socks in a drawer, 6 blue and 4 red. If you reach in without looking, what is the minimum number of socks you must pull out to be sure you have a matching pair?
- 12. A farmer has 17 sheep. All but nine died. How many are left?
- 13. What three numbers, none of which are zero, give the same result whether they are added together or multiplied?
- 14. If a hen and a half lay an egg and a half in a day and a half, how many eggs will half a hen lay in half a day?
- 15. What is the value of half of two plus two?

General Knowledge by LeverageEdu.com



Section 4: Getting Trickier (Medium to Hard)

- 16. Using only addition, how do you add eight 8's to get the number 1000?
- 17. What single digit appears most frequently between and including the numbers 1 and 100?
- 18. If it takes five machines five minutes to make five widgets, how long would it take 100 machines to make 100 widgets?
- 19. What is the smallest positive integer that, when multiplied by 3, has its digits reversed?
- 20. What is the next letter in the sequence: O, T, T, F, F, S, S, E, ?

## Maths Riddles – MCQS for Kids

- 1. What comes once in a minute, twice in a moment, but never in a thousand years?
- A) Number 1
- B) The letter M
- C) Time
- D) Zero

2. I'm a number. Double me and add 10, and you get 30. What number am I?

- A) 5
- B) 10
- C) 15
- D) 20

3. If you have four apples and you take away three, how many do you have?

- A) 1
- B) 3
- C) 4
- D) 0

4. I am an odd number. Take away one letter, and I become even. What number am I?

- A) Three
- B) Five
- C) Seven
- D) Nine



- 5. I add five to nine and get two. What am I?
- A) A calculator
- B) A trick question
- C) A clock
- D) A robot

6. Which number is the same upside down and right side up?

- A) 8
- B) 6
- C) 9
- D) 0

#### 7. What has numbers but can't be used for math?

- A) A calculator
- B) A ruler
- C) A clock
- D) A phone number

8. What 3-digit number reads the same forward and backwards?

- A) 123
- B) 202
- C) 321
- D) 111

9. What two numbers make ten when you multiply and add them?

- A) 2 and 8
- B) 5 and 5
- C) 4 and 6
- D) 1 and 9

10. I am a number greater than 9 but less than 11. What am I?

- A) 8
- B) 9
- C) 10
- D) 11

#### Answer Key:

| Q.N | Answer                              | Explanation   |
|-----|-------------------------------------|---|
| 1   | 10                                  | The only number between 9 and 12 is 10.   |
|     | A bed                               | This is a word riddle playing on the parts of an object.  |
| 3   | A sponge.                           | Another word riddle focusing on the properties of an object.  |
| 4   | Zero.                               | Any number multiplied by zero equals zero.  |
| 5   | Tomorrow.                           | This is a riddle based on the concept of time.  |
| 6   | Answer: 32.                         | Each number is double the previous number $(2 \times 2 = 4, 4 \times 2 = 8, and so on)$ .   |
| 7   | You have 2 apples.                  | The riddle focuses on how many you take away and therefore possess.   |
| 8   | All 12 months.                      | Every month has at least 28 days.   |
| 9   | Neither. They both weigh one pound. | This is a classic trick riddle playing on perception.   |
| 10  | Seven.                              | Removing the 's' from 'seven' spells 'even'.  |
| 12  | 3 socks.                            | In the worst-case scenario, you could pull out one blue sock and<br>one red sock. The third sock you pull out must then create a pair<br>with either the blue or the red sock you already have.   |
| 12  | 9 sheep.                            | The riddle states that "all but nine died," meaning nine survived.  |
| 13  | 1, 2, and 3.                        | $1 + 2 + 3 = 6$ and $1 \times 2 \times 3 = 6$ .   |
| 14  | Zero eggs.                          | You can't have half a hen laying eggs.  |
| 15  | Three.                              | "Half of two" is one, plus two equals three.  |
| 16  | 888 + 88 + 8 + 8 + 8 =<br>1000.     |   |
| 17  | The digit 1.                        | The digit 1 appears in 1, 10-19 (11 times), 21, 31, 41, 51, 61, 71, 81, 91. That's a total of 1 + 11 + 9 = 21 times. All other digits appear 20 times (e.g., 2 appears in 2, 12, 20-29, 32,, 92). |
| 18  | Five minutes.                       | If one machine can make one widget in five minutes, then 100 machines working simultaneously can each make one widget in the same five minutes, resulting in 100 widgets.                         |
| 19  | 102564.                             | 102564 x 3 = 307692. This requires some trial and error or algebraic thinking   |

General Knowledge by LeverageEdu.com



| 20 | N. | This sequence represents the first letter of the English spelling of<br>the numbers one through nine: One, Two, Three, Four, Five, Six,<br>Seven, Eight, Nine. |
|----|----|--|
|----|----|--|

#### Answer Key: MCQS

| 1. B) The letter M | 6. A) 8              |
|--------------------|----------------------|
| 2. C) 15           | 7. D) A phone number |
| 3. B) 3            | 8. B) 202            |
| 4. C) Seven        | 9. B) 5 and 5        |
| 5. C) A clock      | 10. C) 10            |

