

Math Riddles

Q1. 3 cats catch 3 mice in 3 minutes. How many cats will catch 100 mice in 100 minutes?

Q2. There were some sticks in a basket. Saima picked up enough to make a triangle. Nabil picked up enough to make a square with them. There were no more sticks left in the basket. How many sticks were there in the basket before Saima and Nabil took them out?

[What are digits? Examples: There are 3 digits in 102; there are 2 digits in 61.]

Q3. I am more than 10. I am less than 20. I have 2 digits, both digits are the same. What am I?

Q4. There are 20 sweets in a box. You take 5 of them. How many sweets do you have?

Q5. There is one digit, which if you multiply with any digit, the answer is always the same. What is that digit?

Q6. There are 20 children in my class. How many fingers do children have in their right hand? What is the total number of fingers in the left hand of all the children in my class?

Q7. My mother and her sister's ages total 70 years. My mother is 10 years older than her sister. What are their ages?

Q8. Answer the following: $5000 \times 1 =$; $5000 \times 0 =$

Q9. We have dogs and parrots as pets. Altogether they have 22 legs and 8 heads. How many pets do we have?

Q10. Girls are contributing for an all girls' tea party. 3 girls in yellow dress contribute Rs 21. One girl in blue contributes Re.1 less than one girl in yellow. What is the total contribution of 10 girls in blue?

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Answers

Q1. 100 cats.

Q2. Saima made a triangle. A triangle has 3 sides so she took 3 sticks. Nabil made a square. A square has 4 sides so he took 4. The box is now empty, which means it had $3+4 = 7$ sticks in it.

Q3. I am 11.

Q4. The question is, how many sweets do *you* have? So if *you* took 5, you have 5 sweets.

Q5. That digit is zero [0].

Q6. Children have 5 fingers in their right hand. The total number of fingers that all the 20 children in the class have in their right hand is $(20 \times 5 =) 100$.

Q7. Take away 10 years from their total age of 70 years. Now their total age is 60. The younger sister is 30 years old; the older sister is ten years older, that is, she is 40 years old. [$30 + 40 = 70$].

Q8. $5000 \times 1 = 5000$; $5000 \times 0 = 0$.

Q9. 8 pets, since each pet has one head.

Q10. Rs 60.
