

Magic Math Contest

1. 4 What us the value when 2 is divided by $\frac{1}{2}$?

Answer Key
Not valid test

2. 17000 What is $125 \times (8 \times 17)$?

Answer Key
Not valid test

3. 3 What is the remainder when 1234586793860274953 is divided by 5?

Answer Key
Not valid test

4. 0 What is the remainder when $(81) \times (217)$ is divided by 9?

Answer Key
Not valid test

5. 410 Find the quotient $400 + 20 \div 2$.

Answer Key
Not valid test

6. 15 Find the value of $13 + 15 - (-15) - 15 + (-13)$.

Answer Key
Not valid test

7. 860 Evaluate the sum $5 + 91 + 92 + 93 + 94 + 95 + 96 + 97 + 98 + 99$.

Answer Key
Not valid test

8. 1 Simplify $\frac{3}{14} + \frac{5}{7} + \frac{2}{28}$?

Answer Key
Not valid test

9. 28 What is the value of $2^6 - 6^2$?

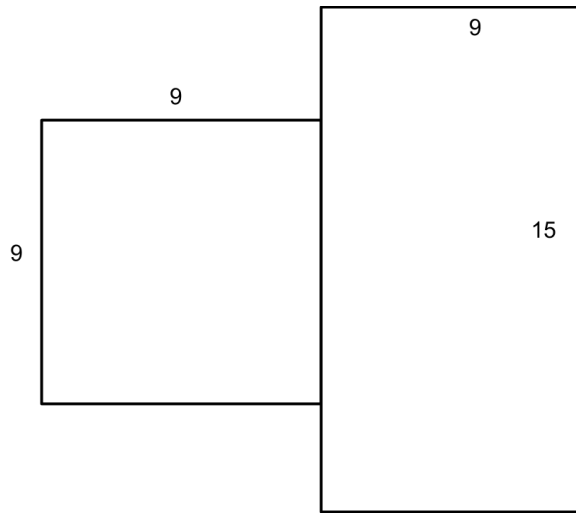
Answer Key
Not valid test

10. 77 What is the value of $\sqrt{49} \times \sqrt{121}$?

Answer Key
Not valid test

11. 240 What is $2x^2 + 5x - 10$ if $x = 10$?

Answer Key
Not valid test



12. 66 Jon draws a square and a rectangle. One of the square's side is on the rectangle as shown. What is the perimeter plus the area of this figure? (Note: the figure is not to scale)

Answer Key
Not valid test

13. 625 I have a sum $1 + 3 + 5 + 7 + \dots + 49$. What is the value of this sum?

Answer Key
Not valid test

14. 13 What is the greatest common divisor of 26 and 65? (The greatest common divisor of 2 numbers is the biggest number that evenly divides both of them).

Answer Key
Not valid test

15. 15 The ratio of cats to dogs at the vet was 2 : 3. If there were 25 total pets, how many of the pets were dogs?

Answer Key
Not valid test

16. 130 What is the Least Common Multiple of 26 and 65? (The Least Common Multiple of 2 numbers is the smallest number that both numbers divide evenly).

Answer Key
Not valid test

17. 8 What is the value of $\frac{1}{2} \times 4 \times \frac{1}{8} \times 16 \times \frac{1}{32} \times 64$

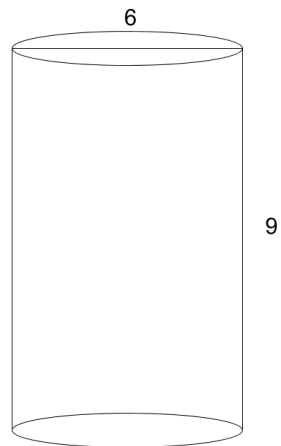
Answer Key
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18. 60 Compute 10% of 40% of 1500.

Answer Key
Not valid test

19. 24 In a movie theater there are 3 seats next to each other and one separate seat. Four friends walk in and have to choose how they should sit. How many ways are there to choose who sits in which seat?

Answer Key
Not valid test



20. 72 Cindy has a cylinder that has height 9 and a diameter of 6. What is its surface area. Express your answer without π , so if the answer is 4π then just write 4 as the answer.

Answer Key
Not valid test