

Mathematics Challenge Questions Report

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Question: The sum of the ages of a father and his son is 50 years. The father is 4 times as old as his son. How old is the son?

Correct Answer: 10

Question: The difference between the squares of two consecutive even numbers is 60. What are the numbers?

Correct Answer: 8

Question: What is 15% of 320?

Correct Answer: 48

Question: Find the sum of all the multiples of 3 between 1 and 100.

Correct Answer: 1683

Question: What is 15^2 ?

Correct Answer: 225

Question: Simplify $7 \times 85 \times 4$.

Correct Answer: 36

Question: Find the value of $4!$

Correct Answer: 24

Question: What is the remainder when 47 is divided by 6?

Correct Answer: 5

Question: Simplify: $\sqrt{50} + \sqrt{32}\sqrt{18}$

Correct Answer: $6\sqrt{2}$

Question: Convert 0.875 to a fraction in simplest form.

Correct Answer: $\frac{7}{8}$