Unknown factors/dividends/divisors

6 questions | 10 marks

Equivalent correct methods earn the corresponding marks.

1. Find the square: $\square \times 6 = 78$. [1 mark]

$78 \div 6 = 13$; check $13 \times 6 = 78$.

Answer: 13.

2. Find the square: $9 \times \square = 225$. [1 mark]

$225 \div 9 = 25$.

Answer: 25.

3. Find the square: $\square \div 8 = 17$. [2 marks]

$17 \times 8 = 136$; check $136 \div 8 = 17$.

Answer: 136.

4. Find the square: $144 \div \square = 12$. [2 marks]

The related multiplication is $12 \times \square = 144$.

Answer: 12.

5. A school shares an unknown number of books equally among seven classes. Each class receives 23 books. How many books were shared? [2 marks]

Write $\square \div 7 = 23$.

Multiply $23 \times 7 = 161$.

Answer: 161 books.

6. A learner puts 48 in the square in $96 \div \square = 2$. Is the answer correct? Show the original equation with the number substituted. [2 marks]

Two groups of forty-eight make ninety-six.

The answer satisfies the original equation.

Answer: Yes: $96 \div 48 = 2$.