Unknown factors/dividends/divisors

6 questions | 10 marks

Equivalent correct methods earn the corresponding marks.

1. Find the square: □ × 6 = 78. [1 mark]

78 ÷ 6 = 13; check 13 × 6 = 78.

Answer: 13.

2. Find the square: 9 × □ = 225. [1 mark]

225 ÷ 9 = 25.

Answer: 25.

3. Find the square: □ ÷ 8 = 17. [2 marks]

17 × 8 = 136; check 136 ÷ 8 = 17.

Answer: 136.

4. Find the square: 144 ÷ □ = 12. [2 marks]

The related multiplication is 12 × □ = 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 □ ÷ 7 = 23.

Multiply 23 × 7 = 161.

Answer: 161 books.

6. A learner puts 48 in the square in 96 ÷ □ = 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 ÷ 48 = 2.