Multiplication and Division

Grade 4 · 6 questions · step-by-step answers at the end

Name: Date: Score: / 6

USEFUL EQUATIONS

$a \times b = b \times a$ $a \times (b + c) = a \times b + a \times c$ dividend = divisor × quotient + remainder

$a \div b = c \Leftrightarrow b \times c = a$

Questions

Show your working in the space under each question.

1. EASY Work out 8×9.

2. EASY Work out $56 \div 7$.

3. MEDIUM Work out 123×4.

4. MEDIUM Work out $96 \div 4$.

5. HARD Work out 425 ÷ 6.

6. HARD There are 24 boxes with 36 pencils in each. The pencils are shared equally among 8 classes. How many does each class get?

Step-by-step answers

Multiplication and Division

1. **72**.
2. 7 × 8 = 56, so the answer is **8**.
3. 100 × 4 = 400, 20 × 4 = 80, 3 × 4 = 12. Total **492**.
4. 80 ÷ 4 = 20 and 16 ÷ 4 = 4, so **24**.
5. 6 × 70 = 420, leaving 5. **70 remainder 5**.
6. 24 × 36 = 864 pencils. 864 ÷ 8 = **108**. (Or 24 ÷ 8 = 3 boxes each, and 3 × 36 = 108.)