Order of Operations and Powers of 10

Grade 5 · 6 questions · step-by-step answers at the end

Name: Date: Score: / 6

USEFUL EQUATIONS

brackets → × ÷ → + − $10^2 = 100$, $10^3 = 1000$ $3.4 \times 100 = 340$ $56 \div 10 = 5.6$

Questions

Show your working in the space under each question.

1. EASY Work out $10 - 2 \times 3$.

2. EASY Work out $(6 + 4) \times 5$.

3. MEDIUM Work out $20 \div 4 + 3 \times 2$.

4. MEDIUM Write 10^4 as an ordinary number.

5. HARD Work out 0.56×1000.

6. HARD Put brackets in $3 + 5 \times 2 - 1$ so that the answer is 15.

Step-by-step answers

Order of Operations and Powers of 10

1. $2 \times 3 = 6$, and $10 - 6 = \mathbf{4}$.

2. $10 \times 5 = \mathbf{50}$.

3. $5 + 6 = \mathbf{11}$.

4. **10,000**.

5. Move the digits three places left: **560**.

6. $(3 + 5) \times 2 - 1 = 16 - 1 = \mathbf{15}$.