

A little practice. A clearer mind.

Try each question first. Use the answer to check your thinking.

01 Find the next two numbers: 3, 6, 12, 24, ...

Answer: 48, 96. Each term is twice the previous term.

02 List all the factors of 24.

Answer: 1, 2, 3, 4, 6, 8, 12 and 24.

03 Find the highest common factor (HCF) of 18 and 30.

Answer: 6. The common factors are 1, 2, 3 and 6.

04 Calculate $\frac{3}{4} + \frac{1}{8}$. Give your answer in simplest form.

Answer: $\frac{7}{8}$. Rewrite $\frac{3}{4}$ as $\frac{6}{8}$, then add $\frac{1}{8}$.

05 A rectangle is 9 cm long and 4 cm wide. Find its perimeter.

Answer: 26 cm. Perimeter = $2 \times (9 + 4)$.

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06 A square has side length 7 cm. Find its area.

Answer: 49 square cm. Area = 7×7 .

07 The temperature rises from -3 degrees C to 5 degrees C. By how much does it rise?

Answer: 8 degrees C. The rise is $5 - (-3) = 8$.

08 Find the mode of these scores: 4, 7, 4, 6, 8, 4, 7.

Answer: 4. It occurs three times, more often than any other score.

09 How many lines of symmetry does a square have?

Answer: 4: two through opposite side midpoints and two diagonals.

10 Riya reads 15 pages each day for 6 days. How many pages does she read?

Answer: 90 pages. Multiply 15 by 6.
