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Maths paper 1 - preview

3 questions | Suggested practice time: 5 minutes. Untimed practice is also welcome.

Choose one answer, A-D, for each question. Use rough paper for working. No calculator. The suggested time is ours, not the timing of a particular school or examination.

1. What is $\frac{3}{4}$ of 32?

A. 8 B. 29 C. 24 D. 16

2. Calculate $398 + 309$.

A. 717 B. 697 C. 607 D. 707

3. A ribbon is 21 cm long. It is cut into 3 equal pieces. How long is each piece?

A. 7 cm B. 18 cm C. 8 cm D. 63 cm

Maths paper 1 - preview - answers and explanations

One mark per correct answer. No negative marking. Raw practice scores are not standardised scores, pass marks or admission predictions.

1. C - 24

Divide 32 by 4, then multiply by 3: $8 \times 3 = 24$.

2. D - 707

Add hundreds, tens and units with carrying: $398 + 309 = 707$.

3. A - 7 cm

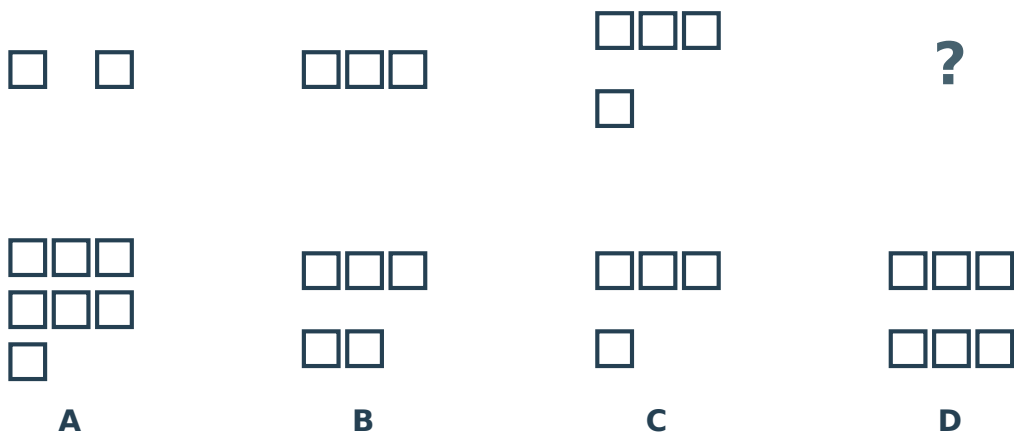
$21 \div 3 = 7$. Each piece is 7 cm.

Non-verbal reasoning paper 1 - preview

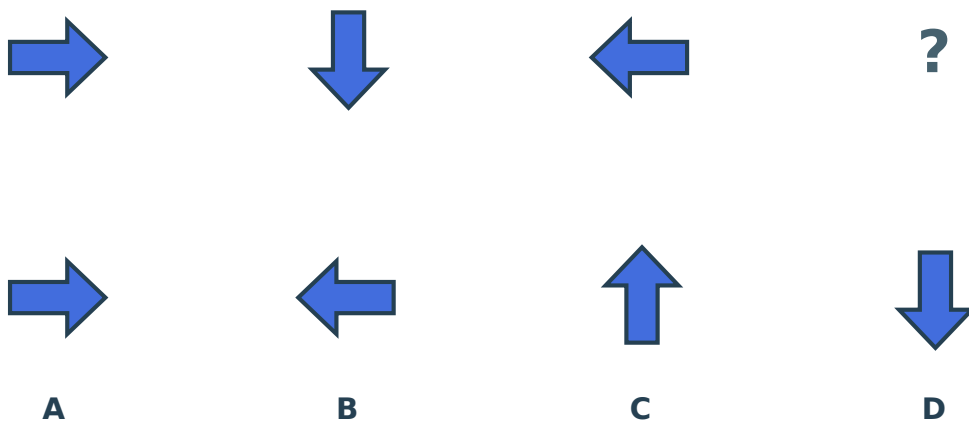
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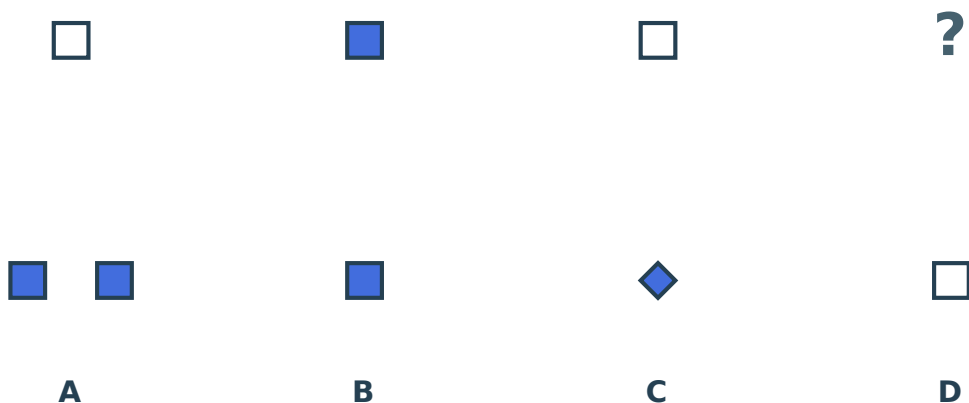
1. Choose the figure that continues the sequence.



2. Choose the next arrow in the sequence.



3. Choose the figure that continues the pattern.



Non-verbal reasoning paper 1 - preview - answers and explanations

One mark per correct answer. No negative marking. Raw practice scores are not standardised scores, pass marks or admission predictions.

1. B - 5 outline square shapes

The number of shapes increases by 1 each time. The next figure has 5 shapes.

2. C - Arrow pointing up

The arrow turns 90° clockwise at each step. Continue the same turn once more.

3. B - 1 solid square shapes

The shape stays the same and alternates between outline and solid. Continue the alternation with one shape of the same kind.