

1

Each of the series below shows the first four terms of a geometric series.
Identify the only one of these geometric series that is convergent.

Tick (✓) **one** box.

[1 mark]

$$0.1 + 0.2 + 0.4 + 0.8 + \dots$$

☐

$$1 - 1 + 1 - 1 + \dots$$

☐

$$128 - 64 + 32 - 16 + \dots$$

☐

$$1 + 2 + 4 + 8 + \dots$$

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