

## Number - Mixed Number Multiplication

Q1

Work out.

$$2\frac{1}{2} \times 1\frac{2}{3}$$

Give your answer as a mixed number.

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[3]

Q2

Work out.

$$2\frac{2}{3} \times 1\frac{1}{7}$$

Give your answer as a mixed number.

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[3]

## Number - Mixed Number Multiplication

Q1

Work out.

$$2\frac{1}{2} \times 1\frac{2}{3}$$

Give your answer as a mixed number.

$$\begin{aligned} & 2\frac{1}{2} \times 1\frac{2}{3} \\ &= \frac{5}{2} \times \frac{5}{3} \\ &= \frac{5 \times 5}{2 \times 3} \\ &= \frac{25}{6} = 4\frac{1}{6} \end{aligned}$$

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$$4\frac{1}{6} \quad [3]$$

Q2

Work out.

$$2\frac{2}{3} \times 1\frac{1}{7}$$

Give your answer as a mixed number.

$$\begin{aligned} & 2\frac{2}{3} \times 1\frac{1}{7} \\ &= \frac{8}{3} \times \frac{8}{7} \\ &= \frac{8 \times 8}{3 \times 7} = \frac{64}{21} = 3\frac{1}{21} \end{aligned}$$

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$$3\frac{1}{21} \quad [3]$$