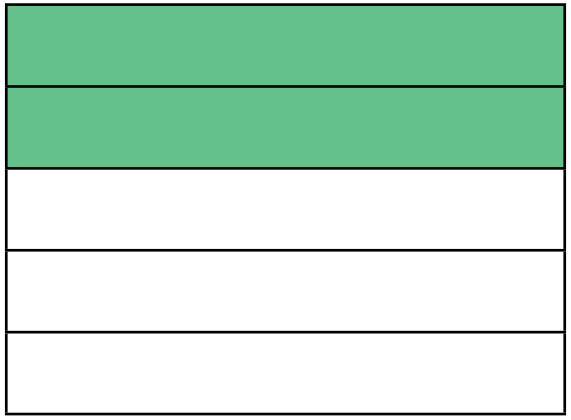
Multiplying Fractions Reasoning

I can solve reasoning questions about multiplying simple pairs of proper fractions, writing the answer in its simplest form.

Question 1	Question 2	Question 3
Shade the shape to show the answer to the calculation: $\frac{2}{3} \times \frac{3}{5} =$ 	Give four different pairs of proper fractions that equal one sixth when multiplied together. $\frac{\square}{\square} \times \frac{\square}{\square} = \frac{1}{6}$	What is the answer to this fraction calculation in its simplest form? $\left[\frac{3}{8} + \frac{1}{8}\right] \times \frac{2}{5} =$

Multiplying Fractions Reasoning **Answers**

Question 1	Question 2	Question 3
Shade the shape to show the answer to the calculation: $\frac{2}{3} \times \frac{3}{5} = \frac{6}{15} = \frac{2}{5}$ 	Give four different pairs of proper fractions that equal one sixth when multiplied together. $\frac{\square}{\square} \times \frac{\square}{\square} = \frac{1}{6}$ $\frac{1}{2} \times \frac{2}{6}$ $\quad$ $\frac{1}{2} \times \frac{3}{9}$ $\frac{2}{3} \times \frac{1}{4}$ $\quad$ $\frac{1}{3} \times \frac{3}{6}$	What is the answer to this fraction calculation in its simplest form? $\left[\frac{3}{8} + \frac{1}{8}\right] \times \frac{2}{5} =$ $\frac{4}{8} \times \frac{2}{5} = \frac{8}{40} = \frac{1}{5}$

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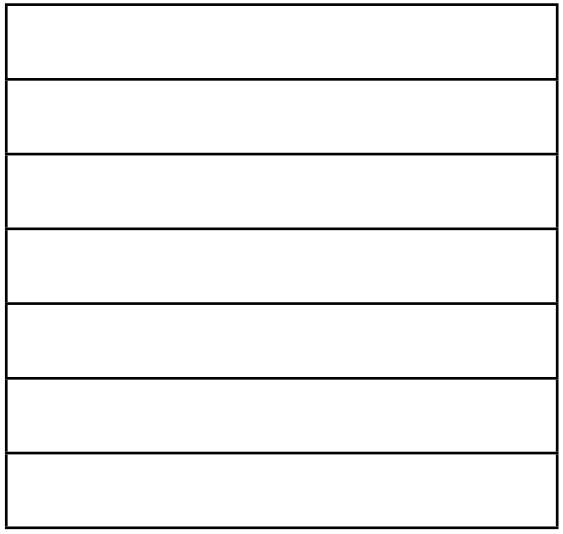
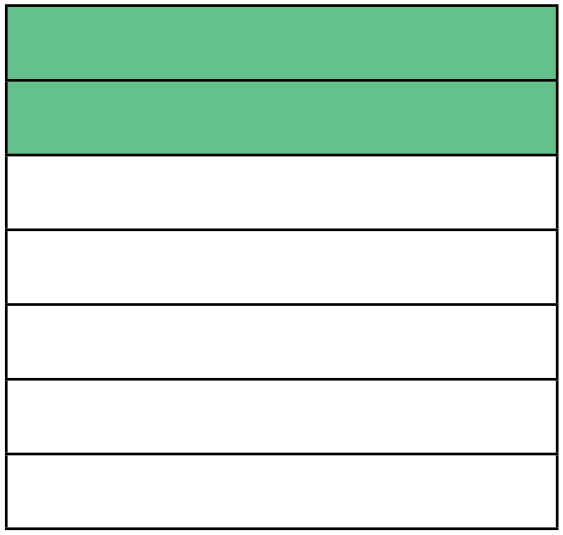
Question 1	Question 2	Question 3
Shade the shape to show the answer to the calculation: $\frac{4}{7} \times \frac{3}{6} =$ 	Give four different pairs of proper fractions that equal two sevenths when multiplied together. $\frac{\square}{\square} \times \frac{\square}{\square} = \frac{2}{7}$	What is the answer to this fraction calculation in its simplest form? $\left[\frac{2}{5} + \frac{1}{8}\right] \times \frac{1}{3} =$

Multiplying Fractions Reasoning **Answers**

Question 1	Question 2	Question 3
Shade the shape to show the answer to the calculation: $\frac{4}{7} \times \frac{3}{6} = \frac{12}{42} = \frac{2}{7}$ 	Give four different pairs of proper fractions that equal two sevenths when multiplied together. $\frac{\square}{\square} \times \frac{\square}{\square} = \frac{2}{7}$ $\frac{1}{2} \times \frac{4}{7}$ $\quad$ $\frac{1}{3} \times \frac{6}{7}$ $\frac{2}{3} \times \frac{3}{7}$ $\quad$ $\frac{2}{4} \times \frac{4}{7}$	What is the answer to this fraction calculation in its simplest form? $\left[\frac{2}{5} + \frac{1}{8}\right] \times \frac{1}{3} =$ $\frac{16}{40} + \frac{5}{40} = \frac{21}{40}$ $\frac{21}{40} \times \frac{1}{3} = \frac{21}{120} = \frac{7}{40}$

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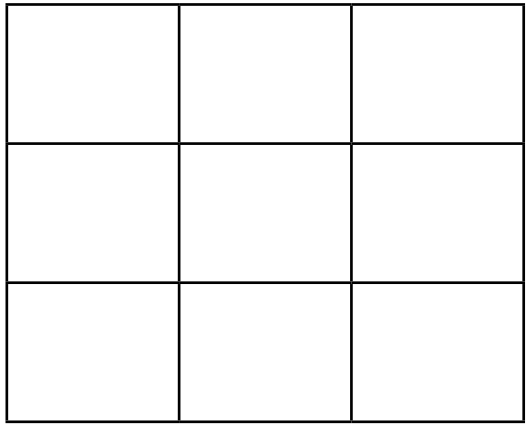
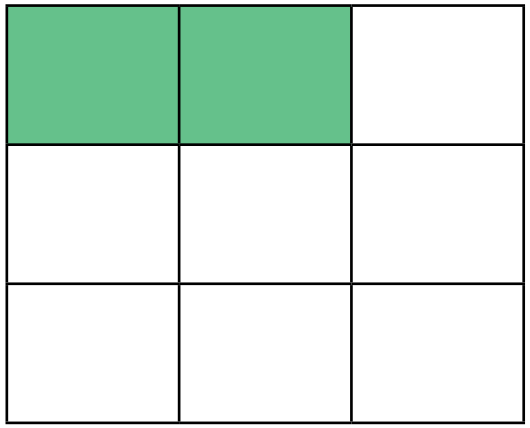
Question 1	Question 2	Question 3
Shade the shape to show the answer to the calculation: $\frac{4}{6} \times \frac{2}{4} \times \frac{6}{9} =$ 	Give four different pairs of proper fractions that equal four ninths when multiplied together. $\frac{\square}{\square} \times \frac{\square}{\square} = \frac{4}{9}$	What is the answer to this fraction calculation in its simplest form? $\left[\frac{3}{7} + \frac{1}{3}\right] \times \frac{3}{4} =$

Multiplying Fractions Reasoning **Answers**

Question 1	Question 2	Question 3
Shade the shape to show the answer to the calculation:	Give four different pairs of proper fractions that equal four ninths when multiplied together.	What is the answer to this fraction calculation in its simplest form?

$$\frac{4}{6} \times \frac{2}{4} \times \frac{6}{9} = \frac{6}{27} = \frac{2}{9}$$



$$\frac{\square}{\square} \times \frac{\square}{\square} = \frac{4}{9}$$

$$\frac{2}{3} \times \frac{2}{3} \qquad \frac{2}{3} \times \frac{4}{6}$$

$$\frac{8}{9} \times \frac{1}{2} \qquad \frac{2}{3} \times \frac{6}{9}$$

$$\left[\frac{3}{7} + \frac{1}{3}\right] \times \frac{3}{4} =$$

$$\frac{9}{21} + \frac{7}{21} = \frac{16}{21}$$

$$\frac{16}{21} \times \frac{3}{4} = \frac{48}{84} = \frac{4}{7}$$