

Have you mastered multiplying pairs of fractions?

- a) Multiply these pairs of fractions, simplifying if possible:

$$\frac{1}{3} \times \frac{1}{4}$$

$$\frac{1}{6} \times \frac{1}{5}$$

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

$$\frac{3}{5} \text{ of } \frac{5}{9}$$

- b) Maya ate $\frac{2}{3}$ of $\frac{3}{5}$ of a pizza. Sinead ate $\frac{1}{2}$ of $\frac{4}{5}$ of a pizza. Who ate the most? Draw some pictures to explain this.



Champions' Challenge

1. Find at least one pair of fractions that, when multiplied together and simplified will equal:

$$\frac{1}{3}$$

$$\frac{1}{12}$$

$$\frac{3}{16}$$

$$\frac{4}{5}$$

2. Gina says if you multiply together two proper fractions, the answer is always smaller than each of the fractions. Is this true? Can you explain why?

