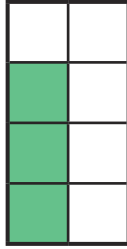




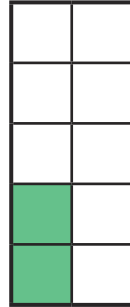
1a) $\frac{3}{4} \times \frac{1}{2} = \frac{3}{4}$ of $\frac{1}{2}$



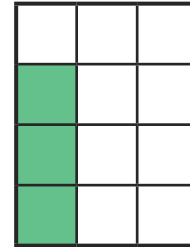
b) $\frac{2}{3} \times \frac{1}{2} = \frac{2}{6}$ or $\frac{1}{3}$



c) $\frac{2}{5} \times \frac{1}{2} = \frac{2}{10}$ or $\frac{1}{5}$



d) $\frac{3}{4} \times \frac{1}{3} = \frac{3}{12} = \frac{1}{4}$



2)

$\frac{1}{2} \times \frac{2}{10} = \frac{2}{20}$ or $\frac{1}{10}$

$\frac{2}{5} \times \frac{5}{6} = \frac{10}{30}$ or $\frac{1}{3}$

$\frac{4}{5} \times \frac{3}{8} = \frac{12}{40}$ or $\frac{3}{10}$

$\frac{1}{4} \times \frac{2}{8} = \frac{2}{32}$ or $\frac{1}{16}$

1) Area model B is correct as the model shows that when we find $\frac{1}{2}$ of $\frac{3}{5}$ we need to firstly split the model into fifths then split our model in half, shading in three of the new sections we have made. The area model will now show $\frac{3}{10}$ overall shaded in.



The fraction shown by model A is $\frac{3}{15}$ or $\frac{1}{5}$.

2) The correct picture is Olivia's as it shows $\frac{1}{4}$ of $\frac{1}{2}$. The calculation we would use to show how much pizza Imran ate would be $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$.



1) Answers: $\frac{6}{1} \times \frac{5}{2} = 15$ and $\frac{5}{1} \times \frac{6}{2} = 15$

Answers: $\frac{1}{6} \times \frac{2}{5} = \frac{2}{30}$ or $\frac{1}{15}$ and $\frac{1}{5} \times \frac{2}{6} = \frac{2}{30}$ or $\frac{1}{15}$

Answers will vary, e.g. $\frac{4}{5} \times \frac{1}{3} = \frac{4}{15}$; $\frac{4}{5} \times \frac{1}{6} = \frac{4}{30}$ or $\frac{2}{15}$

2) Answers will vary. Examples may include:

$$\frac{8}{10} \times \frac{5}{8} = \frac{40}{80} = \frac{1}{2}$$

$$\frac{4}{5} \times \frac{10}{16} = \frac{40}{80} = \frac{1}{2}$$