

- 1) I am allowed to spend up to one hour watching TV in the evening. On each of Monday, Wednesday and Saturday, I spent 50 minutes out of my allowed hour watching TV.



Which diagram and calculation correctly represents the time I spent watching TV each night? Explain your reasoning.



$$3 \times \frac{5}{6} = \frac{15}{6} \text{ or } 2 \frac{3}{6} \text{ or } 2 \frac{1}{2} \text{ hours}$$



$$3 \times \frac{3}{4} = \frac{9}{4} \text{ or } 2 \frac{1}{4} \text{ hours}$$

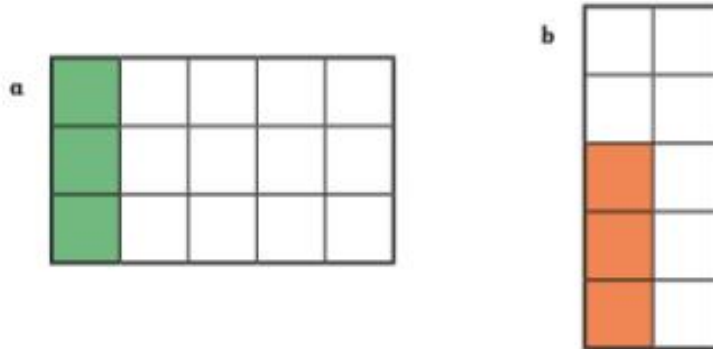
- 2) Which calculation is the odd one out and why?

$$5 \times 2 \frac{4}{6} = \boxed{} \frac{\boxed{}}{\boxed{}}$$

$$5 \times 8 \frac{2}{3} = \boxed{} \frac{\boxed{}}{\boxed{}}$$

$$5 \times 4 \frac{4}{5} = \boxed{}$$

- 1) Archie has drawn two different area models to show what happens when $\frac{1}{2}$ is multiplied by $\frac{3}{5}$. Explain to Archie which of his area models is correct and why.



- 2) A family ordered a large pizza to share. They managed to eat $\frac{3}{4}$ of the pizza and saved the rest. The next day Imran ate $\frac{1}{4}$ of the leftover pizza. How much of the whole pizza did Imran eat? Jacob and Olivia both tried to represent the problem. Who was correct? What calculation shows how much pizza Imran ate?

