

Ordering, adding and subtracting fractions

Question 1

Can you order these fractions from smallest to largest:

$$\frac{4}{7}$$

$$\frac{2}{7}$$

$$\frac{6}{7}$$

$$\frac{1}{7}$$

$$\frac{5}{7}$$

$$\frac{3}{7}$$

$$\frac{7}{7}$$

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Question 2

Can you colour these fractions so that they go from largest to smallest?

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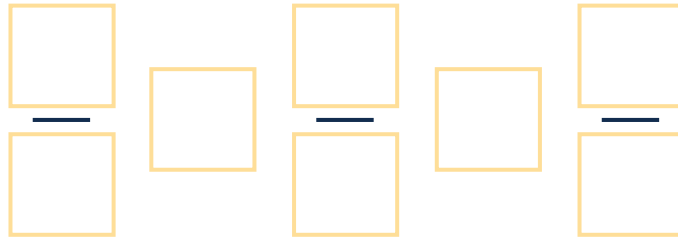


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Question 3

Can you shade these bar models and use them to help you order these fractions? Use $<$ or $>$ to complete the number sentences.

a $\frac{1}{2}, \frac{1}{4}, \frac{1}{3}$

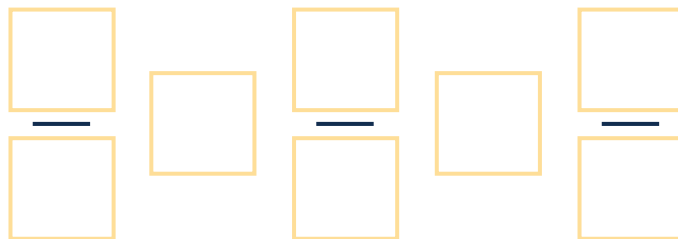


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b $\frac{1}{5}, \frac{1}{3}, \frac{1}{6}$



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c $\frac{2}{3}, \frac{2}{6}, \frac{2}{4}$

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d $\frac{1}{2}, \frac{3}{4}, \frac{2}{3}$

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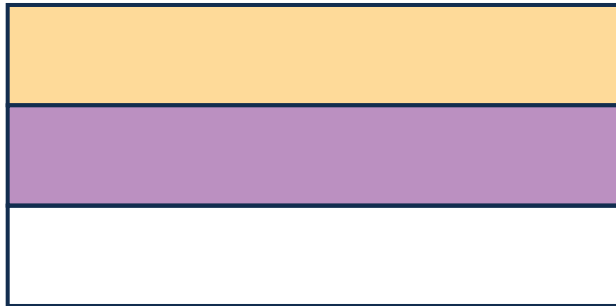
Question 4

Can you use these diagrams to help you answer these addition and subtraction fraction calculations?

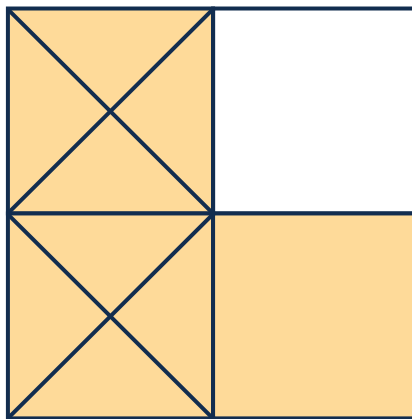
a $\frac{2}{6} + \frac{3}{6} = \frac{\boxed{}}{\boxed{}}$



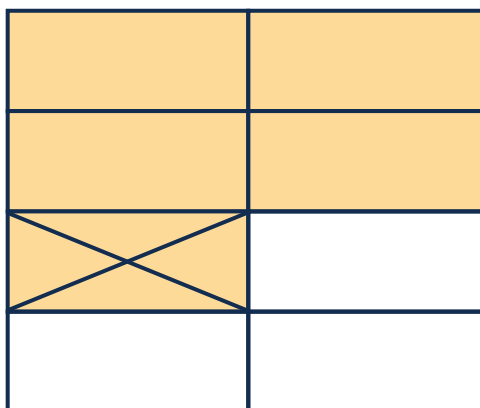
b $\frac{1}{3} + \frac{1}{3} = \frac{\boxed{}}{\boxed{}}$



c $\frac{3}{4} - \frac{2}{4} = \frac{\boxed{}}{\boxed{}}$



d $\frac{5}{8} - \frac{1}{8} = \frac{\boxed{}}{\boxed{}}$



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Question 5

Can you complete these calculations? You can draw your own models to help you if you want to.

$$\text{a } \frac{6}{7} - \frac{4}{7} = \frac{\boxed{}}{\boxed{}}$$

$$\text{b } \frac{5}{9} + \frac{1}{9} = \frac{\boxed{}}{\boxed{}}$$

$$\text{c } \frac{1}{4} + \frac{2}{4} = \frac{\boxed{}}{\boxed{}}$$

$$\text{d } \frac{4}{5} - \frac{3}{5} = \frac{\boxed{}}{\boxed{}}$$

$$\text{e } \frac{1}{6} + \frac{\boxed{}}{\boxed{}} = \frac{4}{6}$$

$$\text{f } \frac{\boxed{}}{\boxed{}} - \frac{2}{8} = \frac{5}{8}$$

$$\text{g } \frac{7}{10} - \frac{\boxed{}}{\boxed{}} = \frac{1}{10}$$

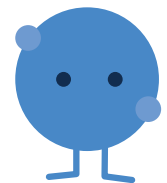
$$\text{h } \frac{\boxed{}}{\boxed{}} + \frac{1}{3} = \frac{3}{3}$$

Question 6

Can you solve these word problems?

a

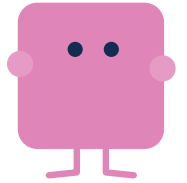
Yasin cuts a pizza into 8 equal slices. He eats 5 slices. How much of the pizza is left? Give your answer as a fraction.



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b

Lucy is reading a book. She reads $\frac{2}{5}$ of the book on Saturday. She reads $\frac{1}{5}$ of the book on Sunday. How much does she have left to read?

**c**

Simone is practising penalties against her brother. He brother saves $\frac{1}{10}$ of them and $\frac{3}{10}$ of them hit the post. She scores the rest. What fraction does Simone score?

**d**

Jack and Jill are picking strawberries. Jack picks $\frac{3}{5}$ kg and Jill picks $\frac{2}{5}$ kg. Jack thinks they have picked $\frac{5}{10}$ kg in total. Is he right? Can you prove it?

