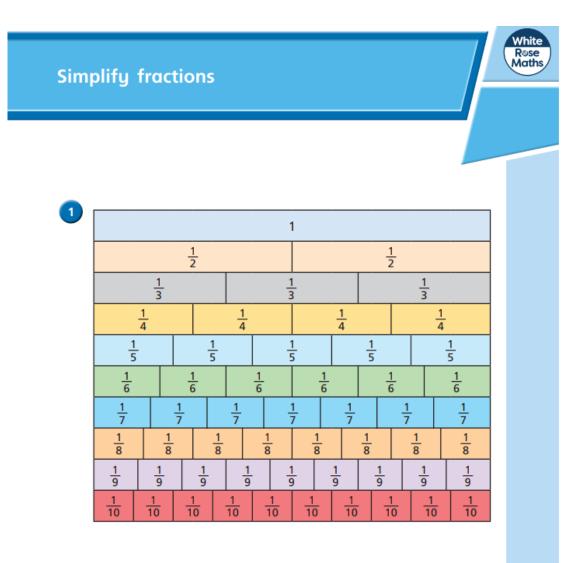
Monday

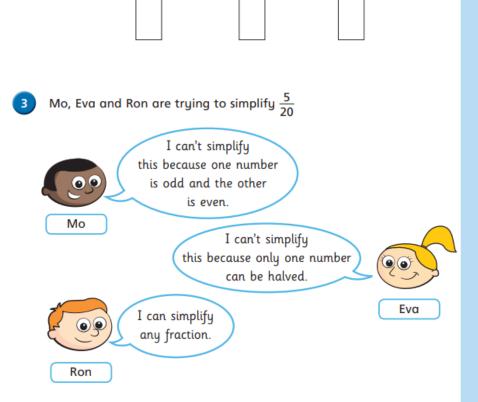


Use the fraction wall to write each fraction in its simplest form.



a) Use a fraction wall to explain why $\frac{7}{10}$ does not simplify.

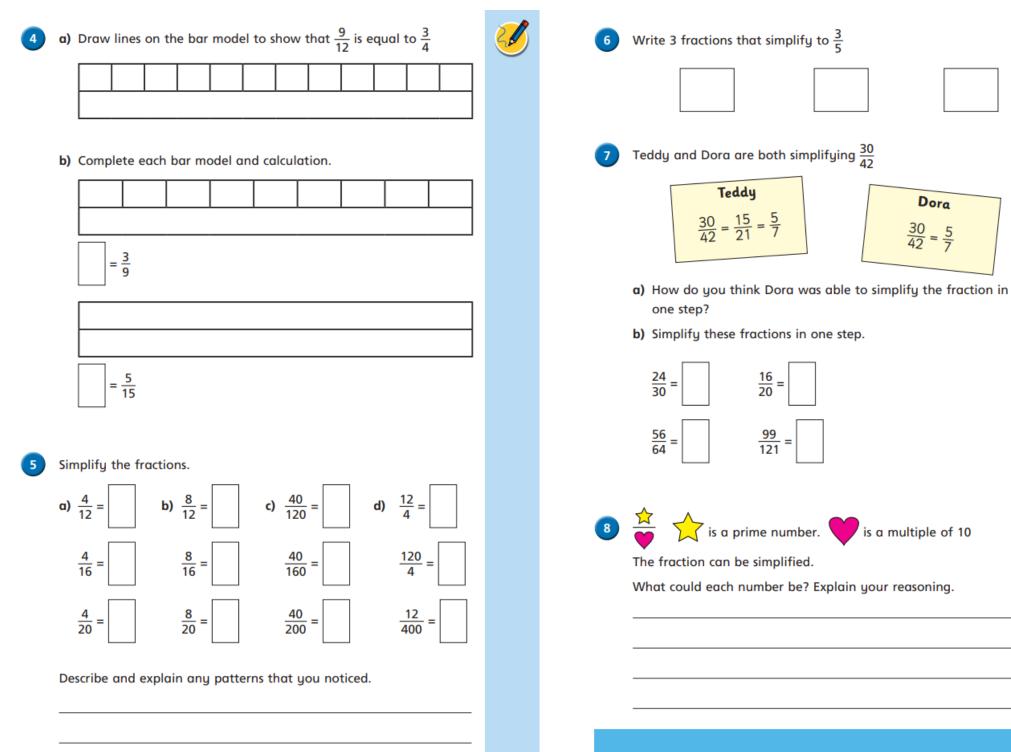
b) Find three more fractions on the fraction wall that cannot be simplified.



Do you fully agree, partly agree or completely disagree with each person?

Talk to a partner.



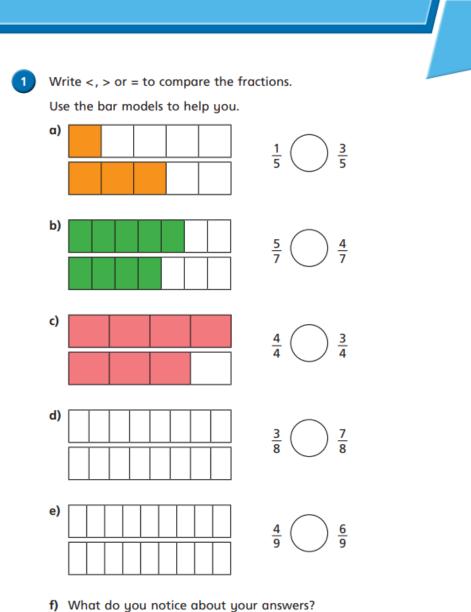




Rose Maths

Tuesday

Compare and order (denominator)



g) Complete the sentence.

When the denominators are the same, the _____

the numerator, the _____ the fraction.

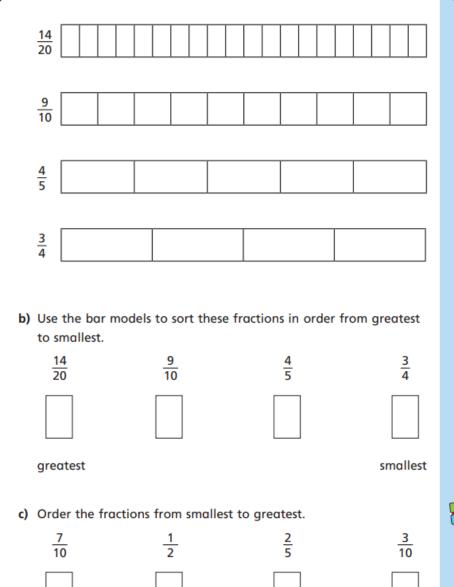
2

smallest

White R©se Maths

2

a) Colour the bar models to show the fractions.



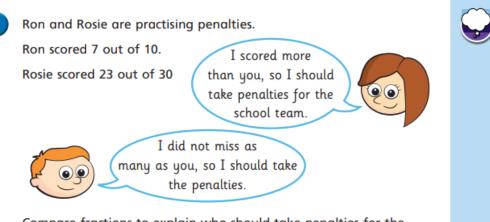
@ White Rose Maths 2019

greatest



$$\frac{4}{15} = \frac{8}{30} \qquad \frac{3}{10} = \frac{9}{30}$$
$$\frac{9}{30} \text{ is greater than } \frac{8}{30}$$
$$\frac{3}{10} \text{ is greater than } \frac{4}{15}$$

Explain Amir's method.



Compare fractions to explain who should take penalties for the school team.

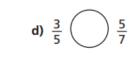
Write <, > or = to compare the fractions.

 $\frac{5}{6}$

<u>5</u> 9

a) $\frac{3}{4}$

b) $\frac{2}{3}$ (



e) $\frac{9}{10}$

3

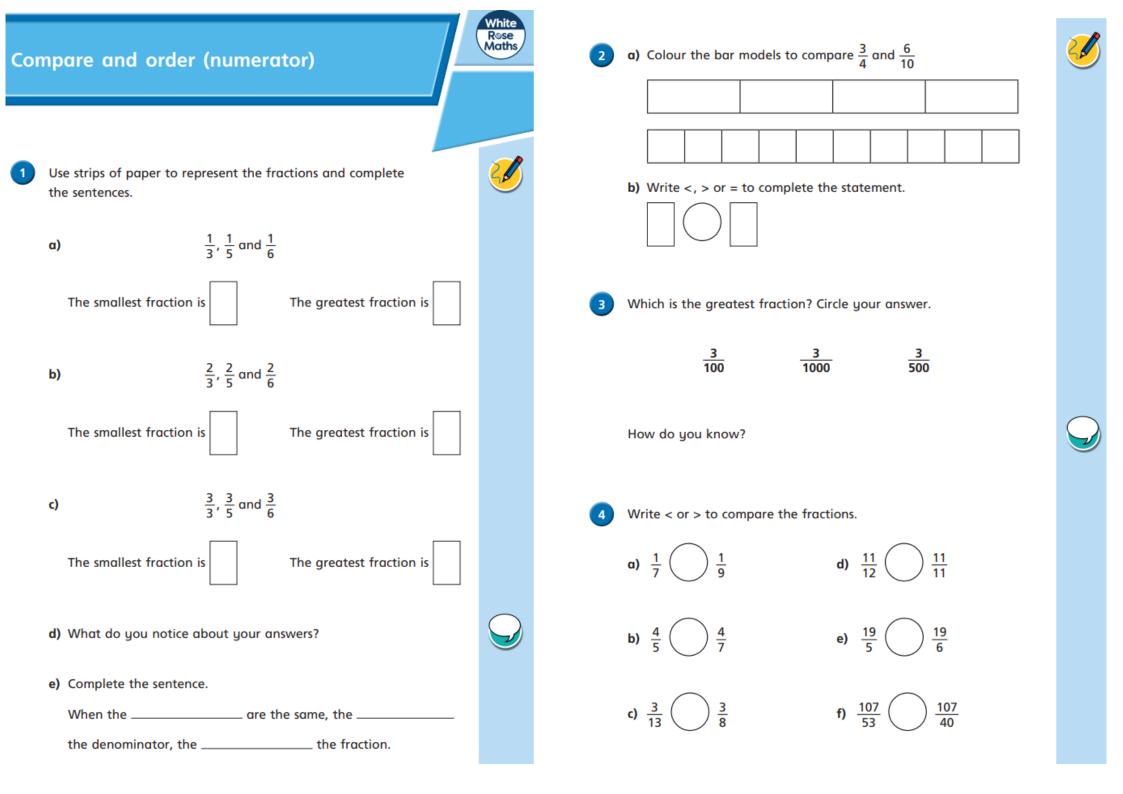
c) $\frac{2}{3}$ $\frac{7}{8}$ f) $\frac{9}{10}$ $\frac{19}{20}$

Annie, Tommy and Kim are making flags for the school fair. Annie has completed $3\frac{3}{4}$ flags, Tommy has completed $3\frac{2}{3}$ flags and Kim has completed $\frac{18}{5}$ flags.

Who has completed the most flags?







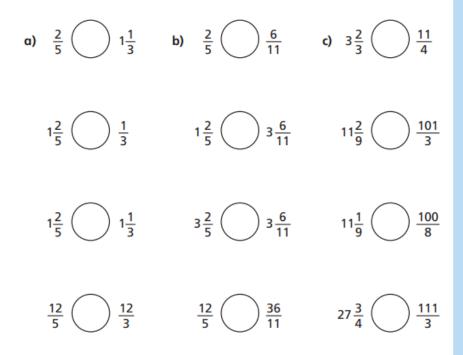


Explain how can you compare $\frac{2}{3}$ and $\frac{4}{5}$ using the same numerator rule.

Complete the sentence to compare $\frac{2}{3}$ and $\frac{4}{5}$



Write <, > or = to complete each statement.



Scott scored 20 out of 24 in a game.
Dani scored 5 out of 7
Compare their scores.
Explain who you think did best and why.

is greater than

 \bigcirc

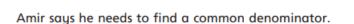


Explain how you know when it is best to compare the numerators or denominators of two fractions.

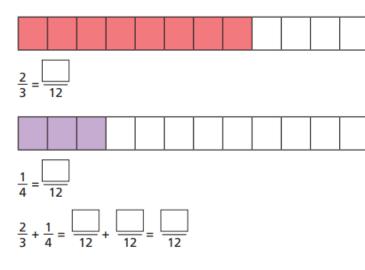
Wednesday



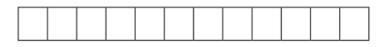
Amir is using fraction strips to work out $\frac{2}{3} + \frac{1}{4}$



a) Complete Amir's method.



b) Show the addition on the fraction strip.

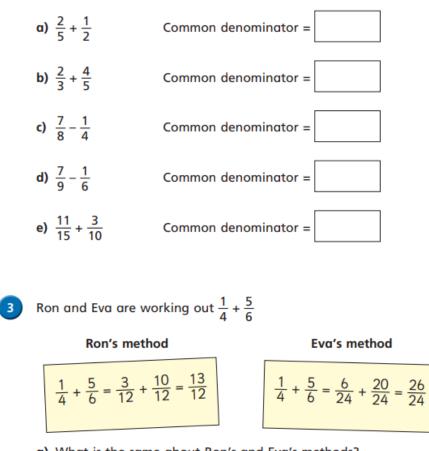


c) Could you have used a different denominator?



R©se Maths

2 What common denominator can you use to add the fractions?



a) What is the same about Ron's and Eva's methods?

b) What is different about their methods?

c) Which method do you prefer? Why?



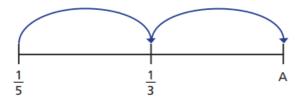
Complete the calculations.





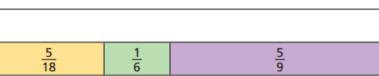
Mo is drawing jumps on a number line.

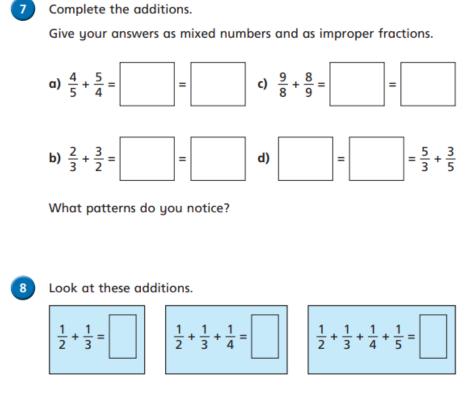
The jumps are the same size.



a) What is the size of the jump?

b) What is the value of A?





a) When does this pattern first give an answer greater than 2?

b) Do you think the pattern will ever give an answer greater than 100?



5

6

 \square

Thursday

Mixed addition and subtraction

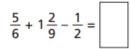
Work out the calculations.

a) $\frac{2}{5} + \frac{3}{4} =$

b) $2\frac{1}{4} - \frac{2}{3} =$

c) $3\frac{7}{10} - 2\frac{1}{4} =$

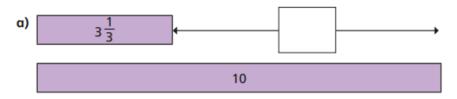
Complete the calculation.

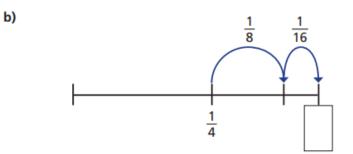


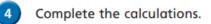


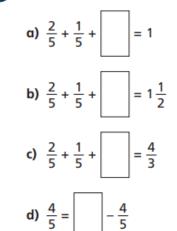
White R©se Maths

Work out the missing fractions.









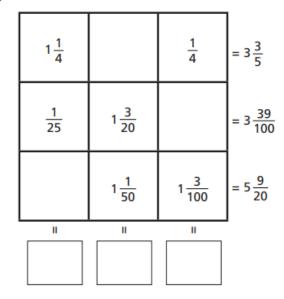
Which of these are true and which are false?

Can you decide without having to do the additions or the subtractions?

Talk about your reasons with a partner.

	True or false?
$2\frac{1}{3} + 3\frac{3}{4}$ is equal to $3\frac{1}{3} + 2\frac{3}{4}$	
$3\frac{3}{4} - \frac{1}{3}$ is less than $4\frac{3}{4} - 1\frac{1}{3}$	
$3\frac{3}{4} - 2\frac{1}{3}$ is equal to $3\frac{1}{3} - 2\frac{3}{4}$	

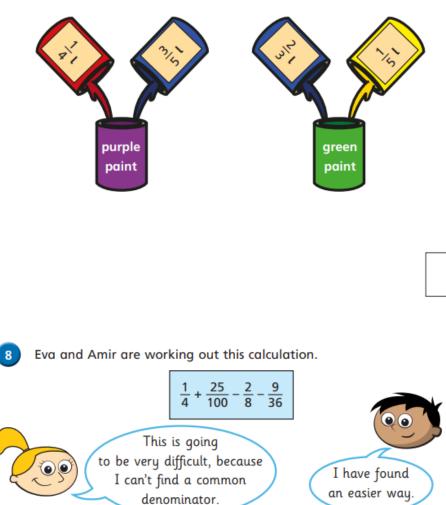
Complete the addition grid.





A painter uses the following mixtures.

How much more green paint does she have than purple paint?



Find Amir's solution. Explain how this calculation can be solved.

Friday **Note to Parents:** The Friday Challenge will be made available on the White Rose Year 6 Home Learning page closer the time. (3)