

Use this sheet **WHEN** you've completed the main worksheet and want a challenge. Remember to use your blue book if you have it to show your workings. The questions were resourced from White Rose Maths and Twinkl Diving into Mastery.

1.

1) Two friends are discussing the bar model.

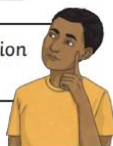
Which of the two friends do you agree with? Use reasoning to explain your answer.



I can make an equivalent fraction with a denominator of 10.



I can make an equivalent fraction with a denominator of 8.



Use this to help you with your answers:

Who is correct?

What did they do right?

Can you write it or draw it?

Example: The boy is correct because  $\frac{2}{4}$  is the same as  $\frac{\quad}{10}$ .



2.



Teddy makes this fraction:



Mo says he can make an equivalent fraction with a denominator of 9

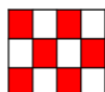
Dora disagrees. She says it can't have a denominator of 9 because the denominator would need to be double 3



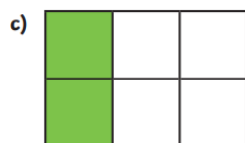
Who is correct? Who is incorrect? Explain why.

3.

Which is the odd one out? Explain why



4) Which of the bar models is the odd one out? Circle and explain your answer.



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**When you've finished – send your solutions to the Year 4 email address**