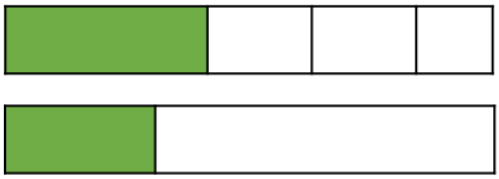
Miss Hughes' group – Bronze reasoning and problem solving

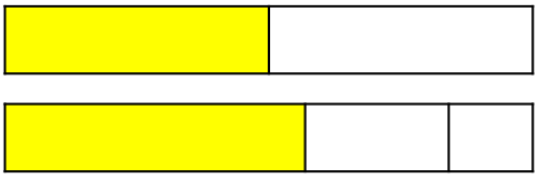
1a. Michael has used a bar model to compare two fractions.



He says that one half is less than one quarter. Is he correct?
Explain your answer.

D R

1b. Jilani has used a bar model to compare two fractions.



He says that one third is more than one half. Is he correct?
Explain your answer.

D R

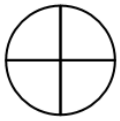
2a. Find any possible answers.

$$\frac{1}{3} < \frac{A}{2}$$

D PS

2b. Find any possible answers.

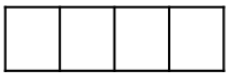
$$\frac{A}{4} < \frac{3}{3}$$

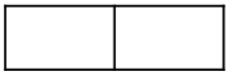


D PS

3a. Jemma is sharing a cake with her friends.
She says,

If I eat one quarter of the cake, I will have more than if I eat one half because 4 is more than 2.





Is Jemma correct? Explain your answer.
Shade in the fractions above to help you.

D R

3b. Malik is sharing a chocolate bar with his friends.
He says,

If I eat two thirds of the bun, I will have more than if I eat one third because two thirds is a smaller amount.

Is Malik correct? Explain your answer.
Shade in the fractions above to help you.

D R