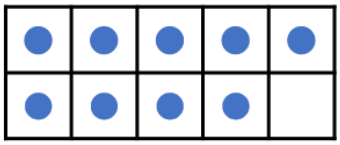
Miss Hughes' group – Bronze reasoning and problem solving

1a. Tara is using a ten frame and counters to represent tenths.

This shows $\frac{9}{10}$.

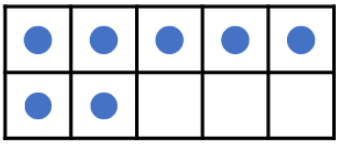


Is she correct? Explain your answer.

D R

1b. Stephen is using a ten frame and counters to represent tenths.

This shows $\frac{2}{10}$.



Is he correct? Explain your answer.

D R

2a. Ethan is thinking of a tenth.

The denominator is equal to the number of vases.

The numerator is greater than the number of plant pots but less than 10.

What could Ethan's fraction be?

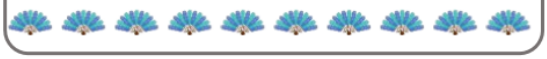
Write two possibilities.

D PS

2b. Olivia is thinking of a tenth.

The numerator is less than the number of keys.

The denominator is equal to the number of fans.



What could Olivia's fraction be?

Write two possibilities.

D PS

3a. Match each description to the correct fraction.

A. 

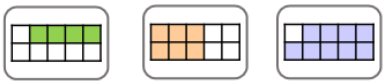
One tenth of my rectangle is not shaded.

B. 

More than half of my rectangle is shaded.

C. 

My rectangle shows 4 tenths.



D PS

3b. Match each description to the correct fraction.

A. 

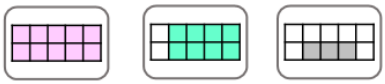
My rectangle shows 8 tenths.

B. 

All of my rectangle is shaded.

C. 

An odd number of tenths are shaded in my rectangle.



D PS