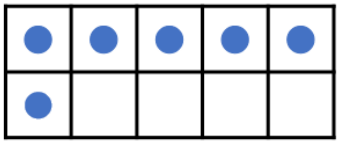
Miss Hughes' group – Silver reasoning and problem solving

4a. Benjamin is using a ten frame and counters to represent tenths.

I would need two more counters to show $\frac{8}{10}$.

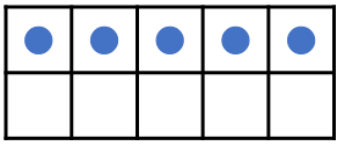


Is he correct? Explain your answer.

E R

4b. Florence is using a ten frame and counters to represent tenths.

I need to remove two counters to show $\frac{2}{10}$.



Is she correct? Explain your answer.

E R

5a. Nathan is thinking of a tenth.

The numerator is smaller than 9 but greater than 3.

The numerator is a multiple of 2.

What could Nathan's fraction be?

Write three possibilities.

E PS

5b. Rosie is thinking of a tenth.

The numerator is smaller than 8 but larger than 2.

The numerator is an odd number.

What could Rosie's fraction be?

Write three possibilities.

E PS

6a. Match each description to the correct fraction.

A. 

My numerator and denominator are the same.

B. 

My fraction is eight tenths.

C. 

My numerator is half the denominator.

E $\frac{8}{10}$ $\frac{10}{10}$ $\frac{5}{10}$ PS

6b. Match each description to the correct fraction.

A. 

My denominator is more than three times greater than my numerator.

B. 

My fraction is nine tenths.

C. 

My numerator and denominator are both multiples of five.

E $\frac{5}{10}$ $\frac{9}{10}$ $\frac{3}{10}$ PS