

What is a Fraction?

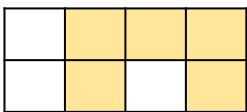
1. Match the fraction to the correct representation.

$$\frac{5}{8}$$

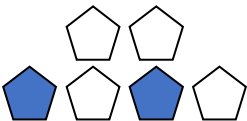
$$\frac{3}{9}$$

$$\frac{4}{6}$$

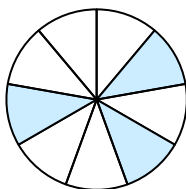
A.



B.

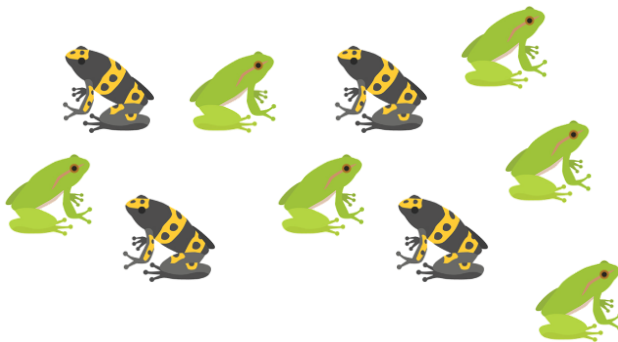


C.



VF

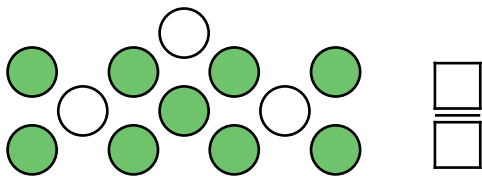
4. Shaun is recording each colour of frog as a fraction. He thinks that the denominator for the fraction of green frogs will be 6.



Is he correct? Prove it.

R

2. Write one of the fractions represented below.



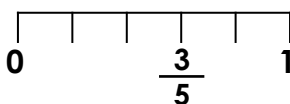
VF

5. Three of these images represent the same fraction. Which one is the odd one out?

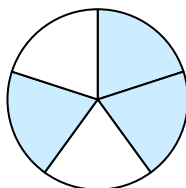
A.



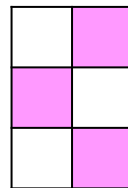
B.



C.



D.



Draw a new representation to show the same fraction.

PS

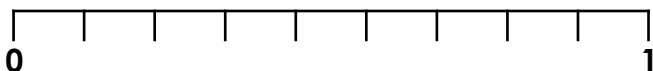
3. Place the following fractions on the number line below.

$$\frac{7}{9}$$

$$\frac{2}{9}$$

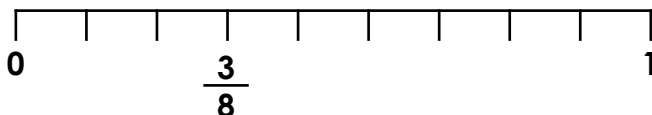
$$\frac{8}{9}$$

$$\frac{5}{9}$$



VF

6. Austin writes a fraction on the number line.



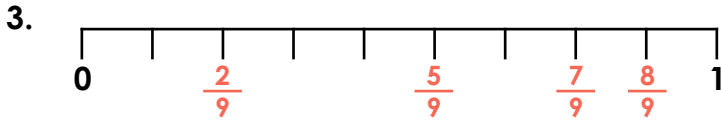
Explain the mistake he has made.

R

What is a Fraction?

1. A. $\frac{5}{8}$; B. $\frac{4}{6}$; C. $\frac{3}{9}$

2. $\frac{9}{12}$ or $\frac{3}{4}$. If simplified, the fraction could also be $\frac{3}{4}$ or $\frac{1}{4}$.



4. Shaun is incorrect. The denominator is the number of frogs in total. There are 10 frogs in total; therefore the denominator will be 10. The fraction of green frogs is $\frac{6}{10}$.

5. D is the odd one out as this represents $\frac{3}{6}$ whereas all of the other representations show $\frac{3}{5}$. Accept any drawn representation that shows $\frac{3}{5}$.

6. Austin has written $\frac{3}{8}$ in the correct place but the number line is in 9ths. The number line should either be changed to eighths or the fraction changed to $\frac{3}{9}$.