

I can convert improper fractions and mixed numbers

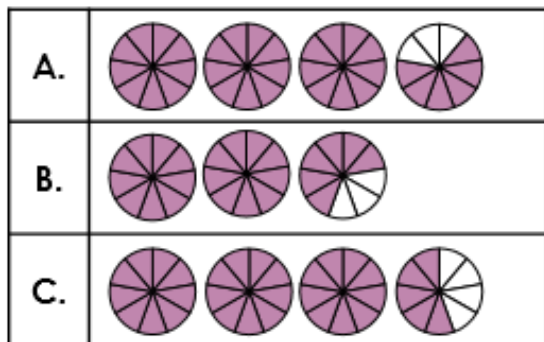
Show these improper fractions as a diagram and a mixed number.



VF

Which diagram matches the improper fraction?

$\frac{24}{9}$



Convert the images below into mixed numbers and improper fractions.



VF

Karis and Tara are converting mixed numbers to improper fractions.



Karis

I think  $2\frac{5}{8}$  is the same as  $\frac{18}{8}$ .



Tara

I think  $2\frac{5}{8}$  is the same as  $\frac{21}{8}$ .



Who is correct?

Find and correct the mistakes. Explain your answer.

A.  $\frac{24}{9} = 1\frac{6}{9}$



B.  $\frac{17}{6} = 2\frac{4}{6}$



Which number sentence is incorrect?

A.   =  $1\frac{1}{5} = \frac{6}{5}$

B.   =  $2\frac{2}{9} = \frac{20}{9}$

C.   =  $3\frac{1}{2} = \frac{3}{2}$



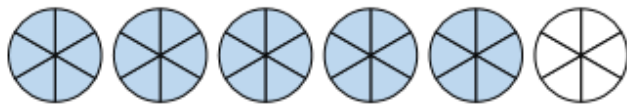
## Challenge

4a. Use the clues to find the missing digits.

A factor of 8.

These 2 digits add together to make 5.

$$\begin{array}{r} \boxed{\phantom{0}} \\ 5 \\ \hline 6 \end{array} = \frac{\boxed{\phantom{0}}\boxed{\phantom{0}}}{\boxed{\phantom{0}}}$$



Show your working and complete the image.



PS

4b. Use the clues to find the missing digits.

A square number.

One digit is twice as much as the other digit.

$$\begin{array}{r} \boxed{\phantom{0}} \\ 4 \\ \hline 5 \end{array} = \frac{\boxed{\phantom{0}}\boxed{\phantom{0}}}{\boxed{\phantom{0}}}$$



Show your working and complete the image.



PS