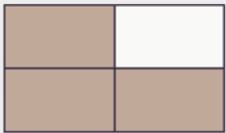


Step 3: Mixed Numbers to Improper Fractions

Introduction

Sort the fractions into the table.

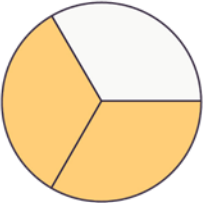
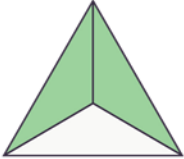
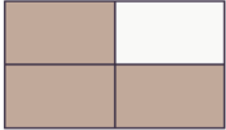
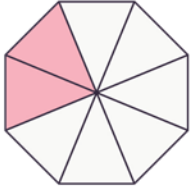
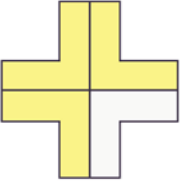



Thirds	Quarters	Fifths



Introduction

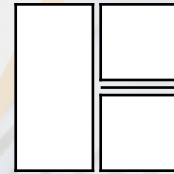
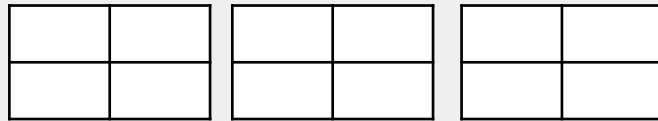
Sort the fractions into the table.

Thirds	Quarters	Fifths
 	  	

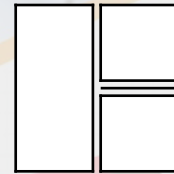
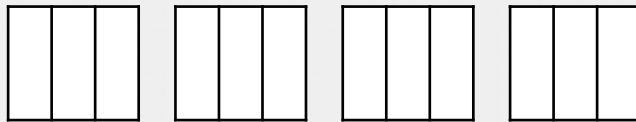
Recap

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

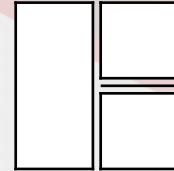
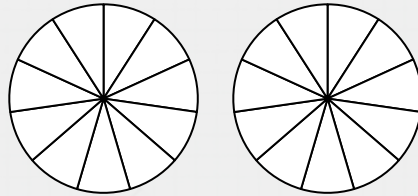
A. $\frac{7}{4}$



B. $\frac{11}{3}$



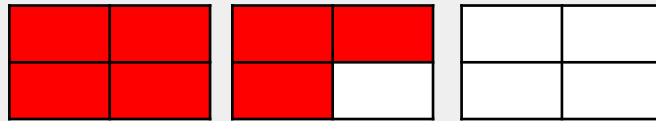
C. $\frac{14}{11}$



Recap

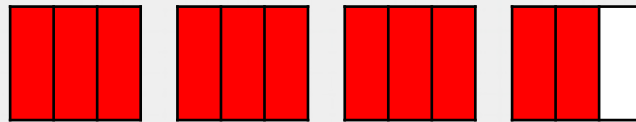
Show these improper fractions as a diagram and a mixed number.

A. $\frac{7}{4}$



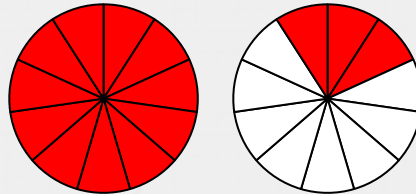
1	3
	4

B. $\frac{11}{3}$



3	2
	3

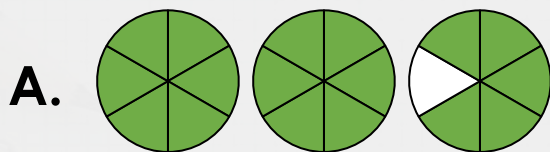
C. $\frac{14}{11}$



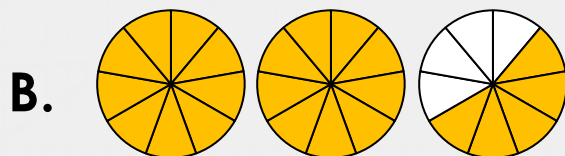
1	3
	11

Varied Fluency 1

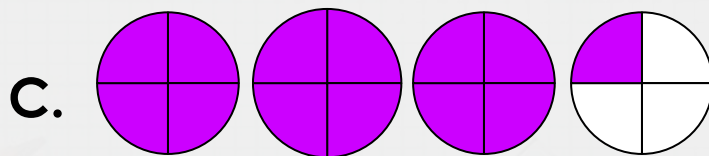
Convert the images below into mixed numbers and improper fractions.



$$\begin{array}{|c|} \hline \\ \hline \end{array} \frac{\square}{\square} = \frac{\square}{\square}$$



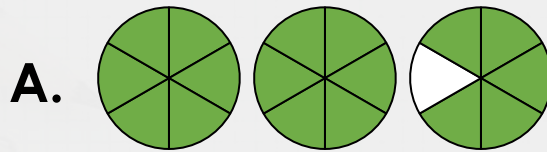
$$\begin{array}{|c|} \hline \\ \hline \end{array} \frac{\square}{\square} = \frac{\square}{\square}$$



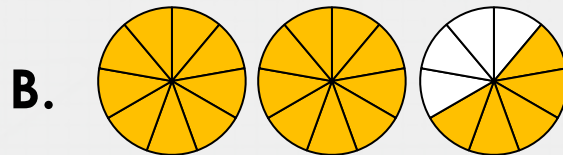
$$\begin{array}{|c|} \hline \\ \hline \end{array} \frac{\square}{\square} = \frac{\square}{\square}$$

Varied Fluency 1

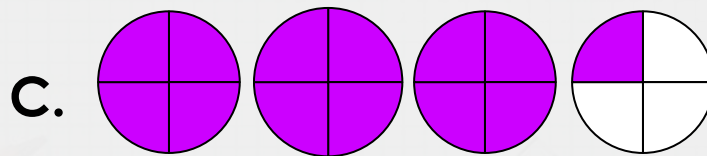
Convert the images below into mixed numbers and improper fractions.



$$2 \frac{5}{6} = \frac{17}{6}$$



$$2 \frac{7}{9} = \frac{23}{9}$$



$$3 \frac{1}{4} = \frac{13}{4}$$

Varied Fluency 2

Rehan and Zoe are converting mixed numbers to improper fractions.



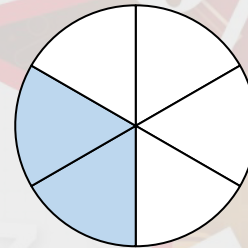
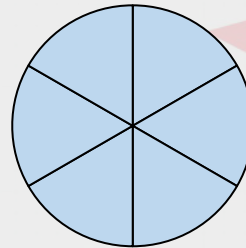
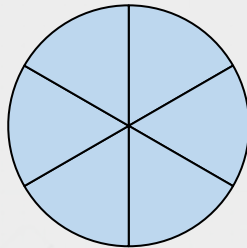
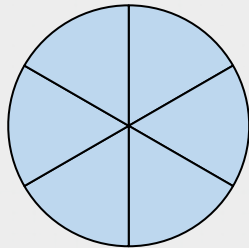
Rehan

I think $3\frac{2}{6}$ is the same as $\frac{20}{6}$.



Zoe

I think $3\frac{2}{6}$ is the same as $\frac{18}{6}$.



Who is correct?

Varied Fluency 2

Rehan and Zoe are converting mixed numbers to improper fractions.



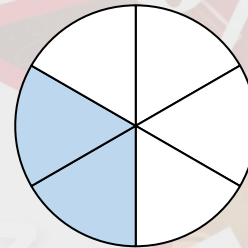
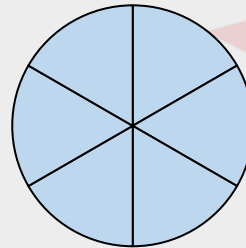
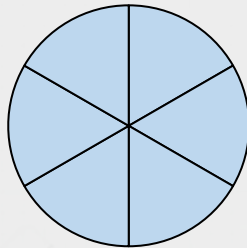
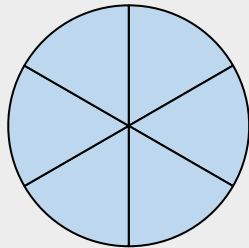
Rehan

I think $3\frac{2}{6}$ is the same as $\frac{20}{6}$.



Zoe

I think $3\frac{2}{6}$ is the same as $\frac{18}{6}$.

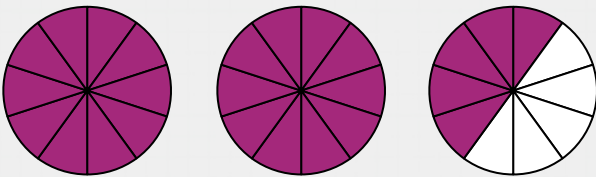


Who is correct?
Rehan is correct.

Varied Fluency 3

Which number sentence is incorrect?

A.  = $1 \frac{1}{3} = \frac{4}{3}$

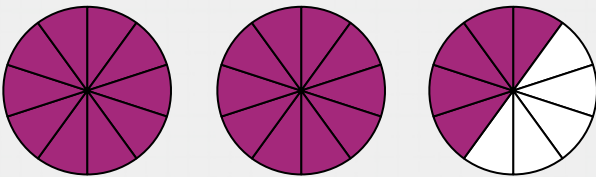
B.  = $2 \frac{5}{10} = \frac{25}{10}$

C.  = $1 \frac{5}{7} = \frac{15}{7}$

Varied Fluency 3

Which number sentence is incorrect?

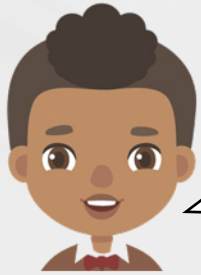
A.  = $1 \frac{1}{3} = \frac{4}{3}$

B.  = $2 \frac{5}{10} = \frac{25}{10}$

C.  = $1 \frac{5}{7} = \frac{15}{7}$

Reasoning 1

Pratap says,

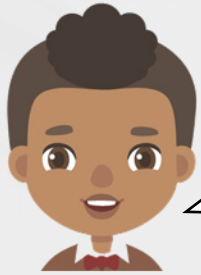


$2\frac{4}{7}$ as an improper
fraction is $\frac{15}{7}$.

Do you agree with Pratap?
Explain your answer.

Reasoning 1

Pratap says,



$2\frac{4}{7}$ as an improper
fraction is $\frac{15}{7}$.

Do you agree with Pratap?
Explain your answer.

Pratap is incorrect because $2\frac{4}{7}$ is the same as $\frac{18}{7}$.