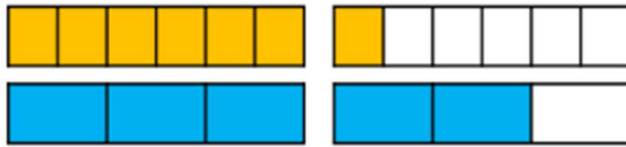


# White Rose Day 3 Extension

## Varied Fluency

Use bar models to compare  $\frac{7}{6}$  and  $\frac{5}{3}$



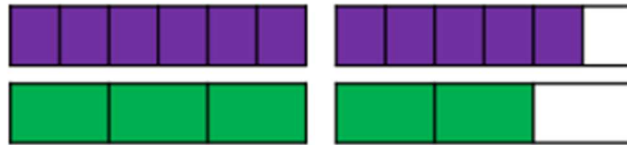
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Use this method to help you compare:

$\frac{5}{2}$  and  $\frac{9}{4}$       $\frac{11}{6}$  and  $\frac{5}{3}$       $\frac{9}{4}$  and  $\frac{17}{8}$

Use a bar model to compare  $1\frac{2}{3}$  and  $1\frac{5}{6}$



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Use this method to help you compare:

$1\frac{3}{4}$  and  $1\frac{3}{8}$       $1\frac{5}{8}$  and  $1\frac{1}{2}$       $2\frac{3}{7}$  and  $2\frac{9}{14}$

Order the fractions from greatest to smallest using common denominators:

$\frac{8}{5}$ ,  $\frac{11}{10}$  and  $\frac{17}{20}$   
 $\frac{?}{20}$ ,  $\frac{?}{20}$  and  $\frac{?}{20}$

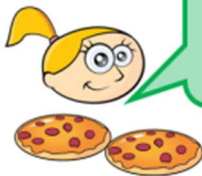
$1\frac{2}{3}$ ,  $1\frac{7}{24}$  and  $\frac{11}{12}$

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## Reasoning and Problem Solving

Eva and Alex each have two identical pizzas.

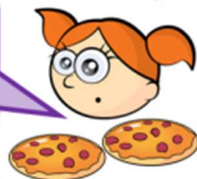
Eva says,



I have cut each pizza into 6 equal pieces and eaten 8

Alex says,

I have cut each pizza into 9 equal pieces and eaten 15



Who ate the most pizza?

Use a drawing to support your answer.

Dora looks at the fractions  $1\frac{7}{12}$  and  $1\frac{3}{4}$

She says,



$1\frac{7}{12}$  is greater than  $1\frac{3}{4}$  because the numerator is larger

Do you agree?

Explain why using a model.