

Homework/Extension

Step 7: Subtract 2 Fractions

National Curriculum Objectives:

Mathematics Year 4: (4F4) [Add and subtract fractions with the same denominator](#)

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Match the calculation to the number line using fractions less than a whole.

Expected Match the calculation to the number line using improper fractions greater than a whole.

Greater Depth Match the calculation to the number line using improper fractions greater than a whole and equivalent fractions where the denominator has been doubled or halved.

Questions 2, 5 and 8 (Varied Fluency)

Developing Write the calculation that is shown in the pictorial representation using representations less than a whole.

Expected Write the calculation that is shown in the pictorial representation using representations greater than a whole. Fractions to be written as improper fractions.

Greater Depth Write the calculation that is shown in the pictorial representation using representations greater than a whole. Fractions to be written as improper fractions and equivalent fractions where the denominator has been doubled or halved.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

Developing Solve the word problem and write the calculation using fractions less than a whole. Pictorial support provided.

Expected Solve the word problem and write the calculation using improper fractions greater than a whole. Pictorial support provided.

Greater Depth Solve the word problem and write the calculation using improper fractions greater than a whole and equivalent fractions. Pictorial support provided.

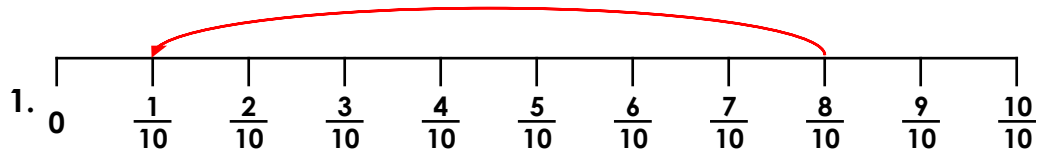
More [Year 4 Fractions](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

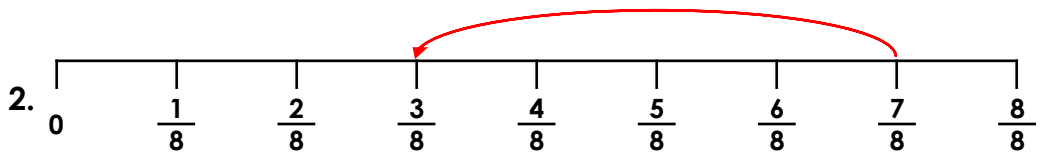
Subtract 2 Fractions

1. Match the calculations to the number lines.

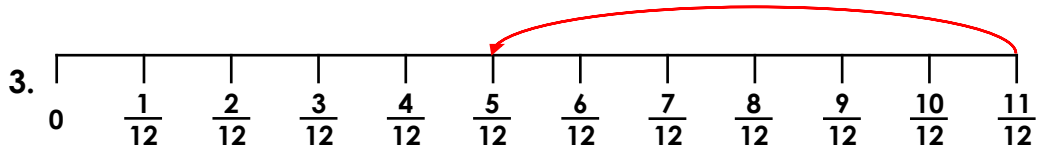
A. $\frac{11}{12} - \frac{6}{12}$



B. $\frac{8}{10} - \frac{7}{10}$

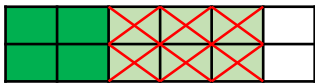


C. $\frac{7}{8} - \frac{4}{8}$

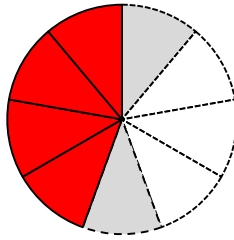


VF
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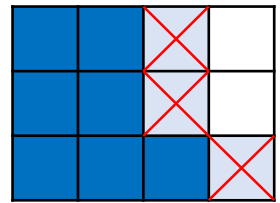
2. Write the subtraction calculation for each representation.



A. $\frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$



B. $\frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$



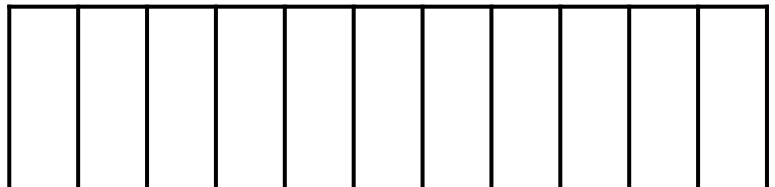
C. $\frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$

VF
HW/Ext

3. Solve the word problem below. Use the shapes to help you.

Mick has $\frac{10}{11}$ pieces of a chocolate bar. He eats $\frac{8}{11}$. How many pieces does he have left?

$\frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$

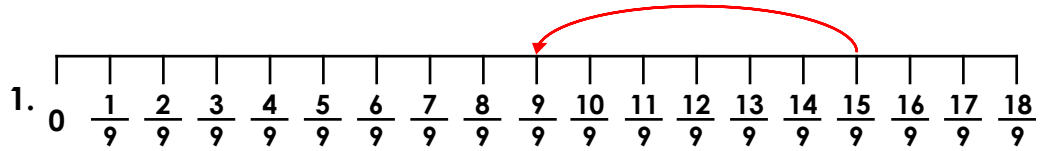


RPS
HW/Ext

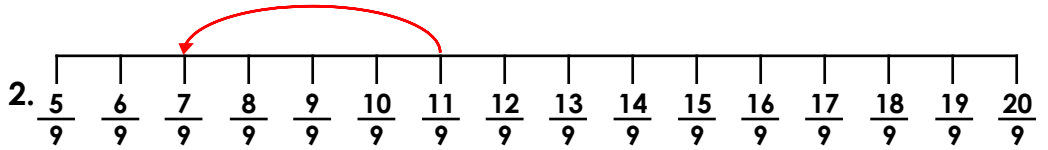
Subtract 2 Fractions

4. Match the calculations to the number lines.

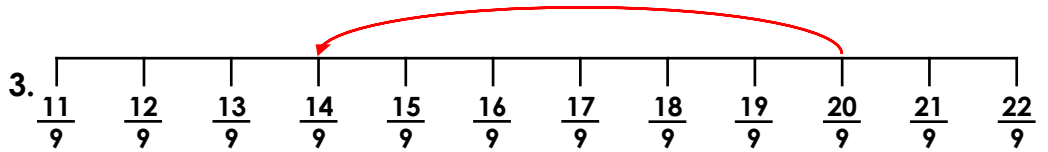
A. $\frac{15}{9} - \frac{6}{9}$



B. $\frac{20}{9} - \frac{6}{9}$

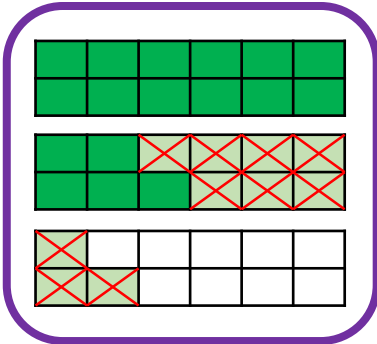


C. $\frac{11}{9} - \frac{4}{9}$

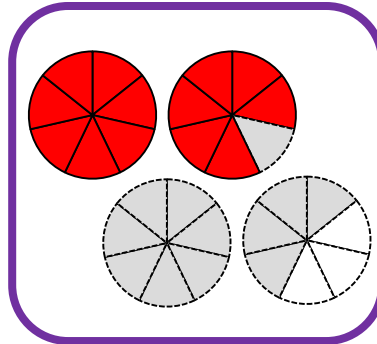


VF
HW/Ext

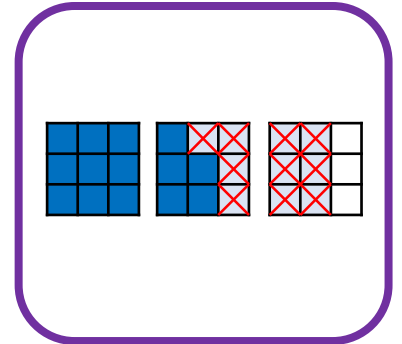
5. Write the subtraction calculation for each representation.



A. $\frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$



B. $\frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$



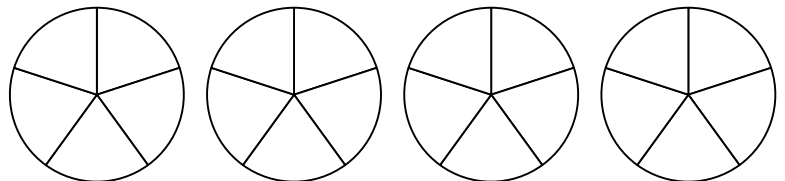
C. $\frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$

VF
HW/Ext

6. Solve the word problem below. Use the shapes to help you.

Amara has $\frac{19}{5}$ slices of pizza. She eats some and has $\frac{7}{5}$ left. How many slices did she eat?

$\frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$

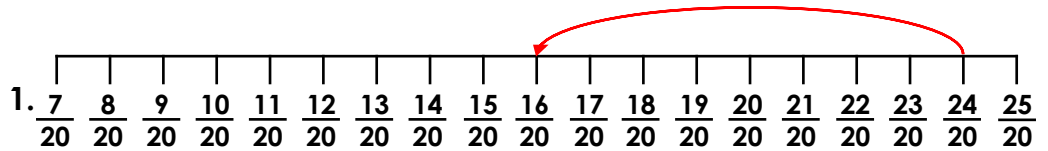


RPS
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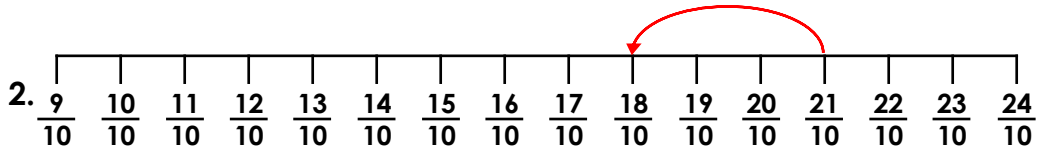
Subtract 2 Fractions

7. Match the calculations to the number lines.

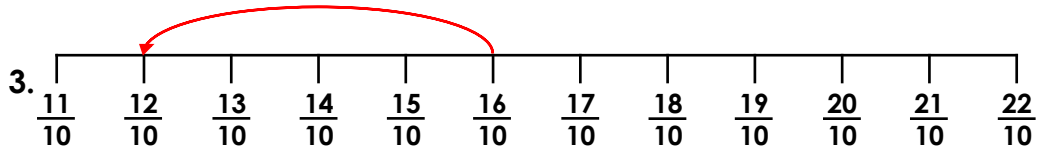
A. $\frac{32}{20} - \frac{4}{10}$



B. $\frac{20}{10} - \frac{6}{20}$

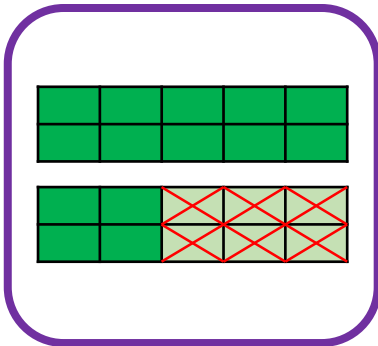


C. $\frac{12}{10} - \frac{2}{5}$

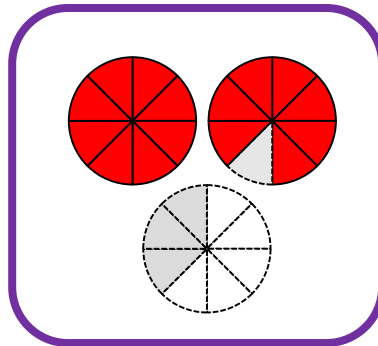


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HW/Ext

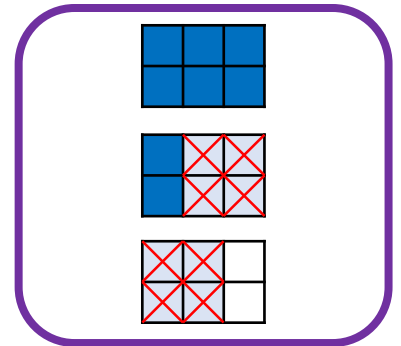
8. Write the subtraction calculation for each representation.



A. $\frac{\boxed{}}{\boxed{10}} - \frac{\boxed{}}{\boxed{5}} = \frac{\boxed{}}{\boxed{}}$



B. $\frac{\boxed{}}{\boxed{8}} - \frac{\boxed{}}{\boxed{4}} = \frac{\boxed{}}{\boxed{}}$



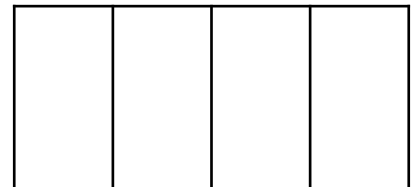
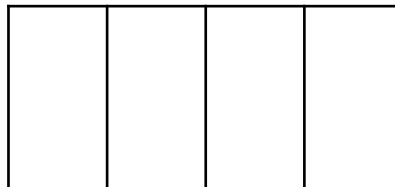
C. $\frac{\boxed{}}{\boxed{6}} - \frac{\boxed{}}{\boxed{3}} = \frac{\boxed{}}{\boxed{}}$

VF
HW/Ext

9. Solve the word problem below. Use the shapes to help you.

Danny has $\frac{7}{4}$ slices of cake. He eats some and has a $\frac{1}{2}$ left. How many pieces did he eat?

$\frac{\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$



RPS
HW/Ext

Homework/Extension

Subtract 2 Fractions

Developing

1. $A = 3$; $B = 1$; $C = 2$

2. A. $\frac{10}{12} - \frac{6}{12} = \frac{4}{12}$; B. $\frac{6}{9} - \frac{2}{9} = \frac{4}{9}$; C. $\frac{10}{12} - \frac{3}{12} = \frac{7}{12}$

3. $\frac{10}{11} - \frac{8}{11} = \frac{2}{11}$

Expected

4. $A = 1$; $B = 3$; $C = 2$

5. A. $\frac{27}{12} - \frac{10}{12} = \frac{17}{12}$; B. $\frac{25}{7} - \frac{12}{7} = \frac{13}{7}$; C. $\frac{24}{9} - \frac{10}{9} = \frac{14}{9}$

6. $\frac{19}{5} - \frac{7}{5} = \frac{12}{5}$

Greater Depth

7. $A = 3$; $B = 2$; $C = 1$

8. A. $\frac{20}{10} - \frac{3}{5} = \frac{14}{10}$ or $\frac{7}{5}$; B. $\frac{19}{8} - \frac{2}{4} = \frac{15}{8}$ or $\frac{19}{11}$; C. $\frac{16}{6} - \frac{4}{3} = \frac{8}{6}$ or $\frac{4}{3}$

9. $\frac{7}{4} - \frac{5}{4} = \frac{1}{2}$