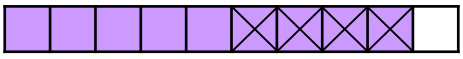
Add and Subtract Fractions

1. Insert <, > or = to make the statements correct.

$\frac{6}{7} - \frac{2}{7}$ ☐ $\frac{3}{7} + \frac{2}{7}$

$\frac{1}{5} + \frac{3}{5}$ ☐ $\frac{4}{5} - \frac{2}{5}$



$\frac{9}{10} - \frac{4}{10}$ ☐ $\frac{2}{10} + \frac{3}{10}$

D

VF
HW/Ext

2. Which calculation is the odd one out? Complete the bar models to help you.

A. $\frac{8}{9} - \frac{6}{9}$

B. $\frac{5}{6} - \frac{2}{6}$

C. $\frac{6}{8} - \frac{3}{8}$

D

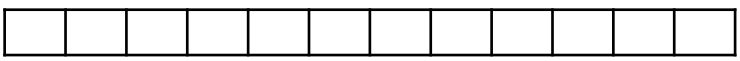
VF
HW/Ext

3. Blair and Nate are adding fractions.

I think $\frac{5}{12}$ add $\frac{3}{12}$ equals $\frac{8}{12}$.

I think $\frac{5}{12}$ add $\frac{3}{12}$ equals $\frac{8}{24}$.

Blair



Nate

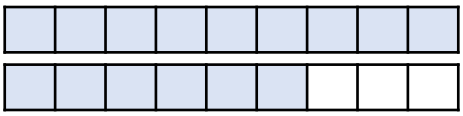
Who is correct? Explain your answer.

D

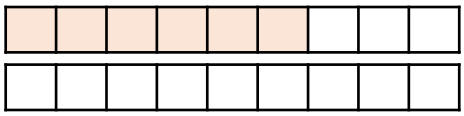
RPS
HW/Ext

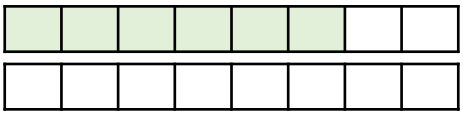
Add and Subtract Fractions

4. Insert <, > or = to make the statements correct. Use the bar models to help you.

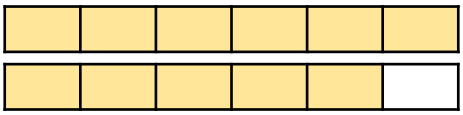


$\frac{15}{9} - \frac{2}{9} \square \frac{6}{9} + \frac{5}{9}$

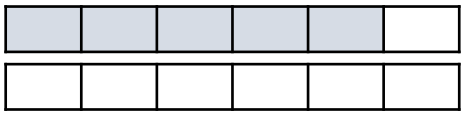




$\frac{6}{8} + \frac{2}{8} \square \frac{14}{8} - \frac{6}{8}$



$\frac{11}{6} - \frac{4}{6} \square \frac{5}{6} + \frac{3}{6}$

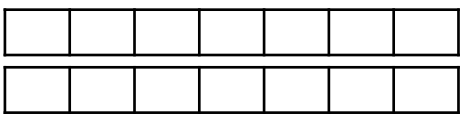


E

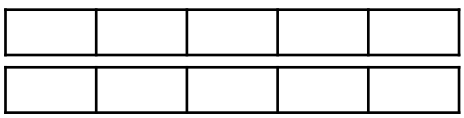
VF
HW/Ext

5. Which calculation is the odd one out? Complete the bar models to help you.

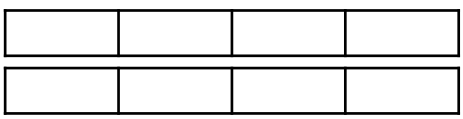
A. $\frac{10}{7} - \frac{6}{7}$



B. $\frac{7}{5} - \frac{4}{5}$



C. $\frac{6}{4} - \frac{2}{4}$



E

VF
HW/Ext

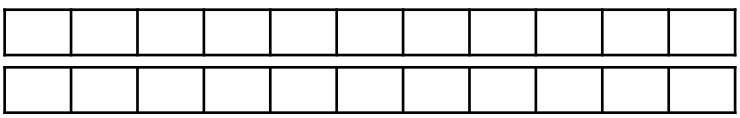
6. Serena and Chuck are adding fractions.

I think $\frac{8}{11}$ add $\frac{4}{11}$ equals $\frac{11}{11}$.

I think $\frac{8}{11}$ add $\frac{4}{11}$ equals $1\frac{1}{11}$.

Serena

Chuck



Who is correct? Explain your answer.

E

RPS
HW/Ext

Add and Subtract Fractions

7. Complete the calculations below. Insert <, > or = to make the statements correct by finding equivalent fractions.

$\frac{7}{8} - \frac{3}{8}$ ☐ $\frac{1}{4} + \frac{2}{4}$

$\frac{2}{12} + \frac{4}{12}$ ☐ $\frac{5}{6} - \frac{2}{6}$

$\frac{13}{18} - \frac{6}{18}$ ☐ $\frac{2}{9} + \frac{2}{9}$

GD

VF
HW/Ext

8. Find the odd one out by solving the calculations and converting them into mixed numbers to find equivalent fractions with the smallest possible denominator.

A. $\frac{7}{12} + \frac{8}{12}$

B. $\frac{13}{16} + \frac{7}{16}$

C. $\frac{11}{12} + \frac{5}{12}$

GD

VF
HW/Ext

9. Jenny and Eric are adding fractions.

I think $\frac{8}{9}$ add $\frac{7}{9}$ equals $1\frac{2}{3}$.

Jenny

I think $\frac{8}{9}$ add $\frac{7}{9}$ equals $1\frac{1}{3}$.

Eric

Who is correct? Explain your answer.

GD

RPS
HW/Ext

Homework/Extension
Add and Subtract Fractions

Developing

1. <; >; =

2. A is the odd one out because the answer has a numerator of 2. B and C have a numerator of 3.

3. Blair is correct because $\frac{5}{12} + \frac{3}{12} = \frac{8}{12}$. Nate has added the denominators.

Expected

4. >; =; <

5. B is the odd one out because the answer has a numerator of 3. A and C have a numerator of 4.

6. Chuck is correct because $\frac{8}{11} + \frac{4}{11} = \frac{12}{11} = 1\frac{1}{11}$.

Greater Depth

7. <; =; <

8. C is the odd one out because the answer is $1\frac{1}{3}$. A and B both equal $1\frac{1}{4}$.

9. Jenny is correct because $\frac{8}{9} + \frac{7}{9} = \frac{15}{9} = 1\frac{2}{3}$.