Find the sum of:

$\frac{13}{4}$ and $\frac{5}{6}$ $\frac{49}{12}$ or $4\frac{1}{12}$ $\frac{26}{7}$ and $\frac{2}{3}$ $\frac{92}{21}$ or $4\frac{8}{21}$

Emma uses $\frac{1}{3}$ of her tin of paint on Friday, $\frac{1}{21}$ on Saturday and on Sunday she uses $\frac{2}{7}$.

How much paint does she have left?

$\frac{14}{21}$ used

$\frac{7}{21}$ left or $\frac{1}{3}$

Use the same digit in both boxes to complete the calculation.

Is there more than one way to do it?

$$\frac{\square}{20} + \frac{1}{\square} = \frac{9}{20}$$

$\frac{4}{20} + \frac{1}{4} = \frac{9}{20}$

$\frac{5}{20} + \frac{1}{5} = \frac{9}{20}$

Working Deeper

Amy answered the following calculation:

$$\frac{3}{6} + \frac{1}{15} = \frac{4}{21}$$

Do you agree with her? Explain your answer.

If you don't agree with Amy, what should the answer be?

No Amy is wrong as she has just added the numerators and the denominators together instead of finding a common denominator.

Should've changed to $\frac{\ }{30}$

Answer: $\frac{17}{30}$

Working Deeper

$$\frac{1}{4} \qquad \frac{1}{5} \qquad \frac{1}{10} \qquad \frac{1}{20} \qquad \frac{1}{40}$$

Use three of these fraction cards to complete the sum below.

$$\frac{1}{4} + \frac{1}{5} + \frac{1}{20} = \frac{1}{2}$$