

11/7 Strategies for Adding & Subtracting Fractions

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

Money Model

$$\frac{2}{5} + \frac{1}{4} = 0.40 + 0.25 = .65$$

or $\frac{65}{100} = \frac{13}{20}$

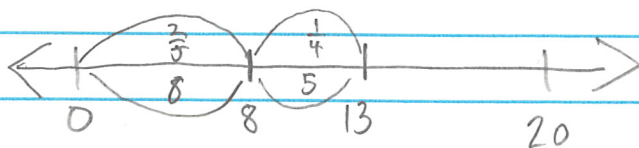
Clock Model

$$\frac{2}{5} + \frac{1}{4} = \frac{24 \text{ min} + 15 \text{ min}}{60}$$

$$\frac{39}{60} \text{ (from 39 min)} \rightarrow \frac{13}{20}$$

Double Number Line

What length can we divide by 5 and 4?



$$\frac{2}{5} + \frac{1}{4} = \frac{8}{20} + \frac{5}{20} = \frac{13}{20}$$

Ratio Table

$\times 4$	$\times 5$
2 8	1 5
5 20	4 20
$\times 4$	$\times 5$

$$\frac{2}{5} + \frac{1}{4} = \frac{8}{20} + \frac{5}{20} = \frac{13}{20}$$