

LO: to be able to find common denominators to compare and add fractions

I can remember to:

- **use a model to compare fractions**
- **multiply one of the denominators to find a common denominator**
- **multiply the numerator by the same amount**
- **use the $< > =$ symbols**
- **add the numerators**
- **use this method to solve worded problems**

Compare these fractions using $< > =$

$$\frac{1}{4} \quad \square \quad \frac{1}{2}$$

$$\frac{3}{8} \quad \square \quad \frac{1}{4}$$

$$\frac{1}{2} \quad \square \quad \frac{3}{4}$$

$$\frac{6}{8} \quad \square \quad \frac{3}{4}$$

Add the fractions (make sure that you find common denominators first)

$$\frac{2}{3} + \frac{1}{6} = \square$$

$$\frac{1}{10} + \frac{4}{5} = \square$$

$$\frac{1}{2} + \frac{1}{4} = \square$$

$$\frac{1}{5} + \frac{7}{10} = \square$$

$$\frac{1}{4} + \frac{3}{8} = \square$$

$$\frac{5}{7} + \frac{3}{14} = \square$$

Now find answers to these word problems. Use the remember tos to guide you.

Amber went out for a walk. She walked $\frac{1}{4}$ of a mile and then sat down to take a rest. Then she walked $\frac{1}{2}$ of a mile. How far did she walk altogether?

Illyes made two types of biscuits. He used $\frac{2}{8}$ cup of sugar for one recipe and $\frac{1}{4}$ cup of sugar for the other. How much sugar (in cups) did he use in all?

At a class party, $\frac{1}{3}$ of a vegetarian pizza and of a $\frac{3}{6}$ meat-feast pizza were eaten. Which pizza was the most popular? How much pizza was eaten altogether?

Eli and Tobias shared a chocolate bar. Eli ate $\frac{2}{5}$ and Tobias ate $\frac{3}{10}$. Who ate more? How much did they eat altogether?