

LO: Subtract two fractions

### Practice

Use cubes, strips of paper or a bar model to solve:

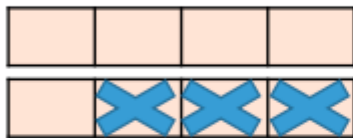
$$\frac{9}{9} - \frac{4}{9} = \square$$

$$\frac{9}{9} - \frac{\square}{9} = \frac{2}{9}$$

$$\frac{13}{9} - \frac{9}{9} = \frac{\square}{9}$$

What's the same? What's different?

Jack uses a bar model to subtract fractions.



$$2 - \frac{3}{4} = \frac{8}{4} - \frac{3}{4} = \frac{5}{4} = 1\frac{1}{4}$$

Use Jack's method to calculate.

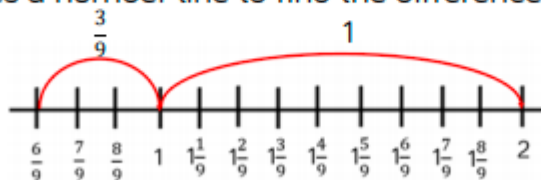
$$3 - \frac{3}{4} =$$

$$3 - \frac{3}{8} =$$

$$3 - \frac{7}{8} =$$

$$3 - \frac{15}{8} =$$

Dexter uses a number line to find the difference between 2 and  $\frac{6}{9}$



$$2 - \frac{6}{9} = 1\frac{3}{9}$$

Use a number line to find the difference between:

$$2 \text{ and } \frac{2}{3}$$

$$2 \text{ and } \frac{2}{5}$$

$$\frac{2}{5} \text{ and } 4$$

### Reasoning

Dora is subtracting a fraction from a whole.

$$5 - \frac{3}{7} = \frac{2}{7}$$



Can you spot her mistake?

What should the answer be?

### Problem Solving

Whitney has a piece of ribbon that is 3 metres long.

She cuts it into 12 equal pieces and gives Teddy 3 pieces.

How many metres of ribbon does Whitney have left?

How many ways can you make the statement correct?

$$2 - \frac{\square}{8} = \frac{5}{8} + \frac{\square}{8}$$