

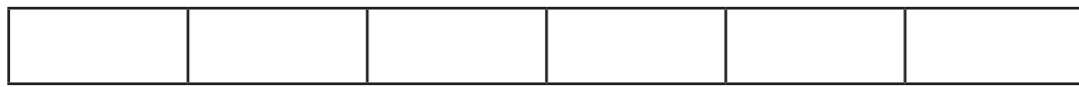
# Subtract fractions



1 Complete the subtractions.

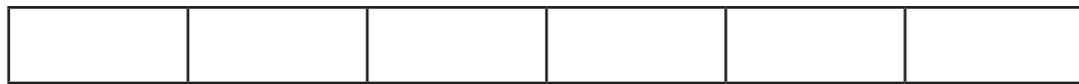
Use the bar models to help you.

a)



$$\frac{5}{6} - \frac{1}{2} = \square$$

b)



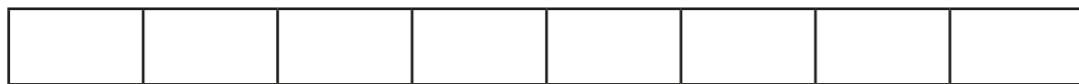
$$\frac{5}{6} - \frac{1}{3} = \square$$

c)



$$\frac{7}{8} - \frac{3}{4} = \square$$

d)



$$\frac{1}{2} - \frac{3}{8} = \square$$

2 Match the equivalent calculations.

$$\frac{3}{4} - \frac{3}{20}$$

$$\frac{10}{20} - \frac{3}{20}$$

$$\frac{4}{5} - \frac{3}{20}$$

$$\frac{16}{20} - \frac{3}{20}$$

$$\frac{7}{10} - \frac{3}{20}$$

$$\frac{15}{20} - \frac{3}{20}$$

$$\frac{1}{2} - \frac{3}{20}$$

$$\frac{14}{20} - \frac{3}{20}$$

3 Jack walks  $\frac{7}{9}$  km to school.

Aisha walks  $\frac{2}{3}$  km to school.

How much further does Jack walk than Aisha?

Jack walks  $\square$  km further than Aisha.

4 Complete the subtractions.

a)  $\frac{7}{8} - \frac{1}{16} =$

b)  $\frac{6}{7} - \frac{2}{21} =$

$\frac{5}{8} - \frac{1}{16} =$

$\frac{5}{7} - \frac{4}{21} =$

$\frac{3}{8} - \frac{1}{16} =$

$\frac{4}{7} - \frac{6}{21} =$

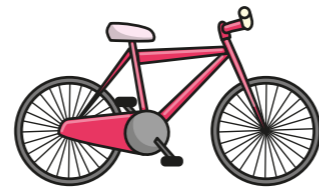
$\frac{1}{8} - \frac{1}{16} =$

$\frac{3}{7} - \frac{8}{21} =$

What do you notice?

5 On Saturday, Alex cycles for  $\frac{2}{3}$  of an hour.

On Sunday, she cycles for  $\frac{5}{12}$  of an hour.



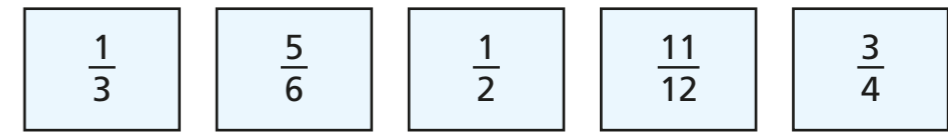
a) How many more hours does Alex cycle on Saturday than Sunday?

of an hour

b) How many more minutes does Alex cycle on Saturday than Sunday?

minutes

6 Here are some fraction cards.



a) Which two fractions have a difference of  $\frac{1}{4}$ ?

-  =  $\frac{1}{4}$

b) Which two fractions have a difference of  $\frac{1}{2}$ ?

-  =  $\frac{1}{2}$

c) Which two fractions have a difference of  $\frac{1}{12}$ ?

Give two possible pairs.

-  =  $\frac{1}{12}$

-  =  $\frac{1}{12}$

7 The perimeter of the rectangle is  $\frac{14}{15}$  m.

Work out the missing length.

