

**Lesson  
18**

# Adding Fractions

## In Focus



Charles

I took  $\frac{1}{6}$  of the sweets in the box.



I took  $\frac{3}{6}$  of the sweets in the box.

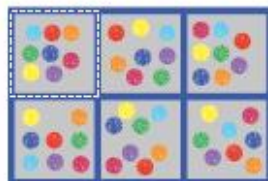


Ruby

What fraction of the sweets did Charles and Ruby take altogether?

## Let's Learn

1



$\frac{1}{6}$



$\frac{3}{6}$

What do you think? How do you know?

Isn't  $\frac{3}{6} = \frac{1}{2}$ ?

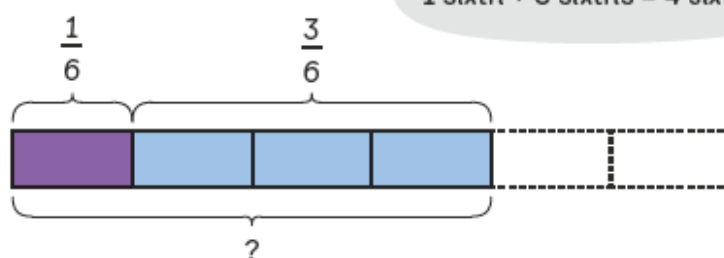


1 sixth + 3 sixths = 4 sixths

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

Charles and Ruby took  $\frac{4}{6}$  of the sweets.

- 2 Add  $\frac{1}{6}$  and  $\frac{3}{6}$ .



1 sixth + 3 sixths = 4 sixths



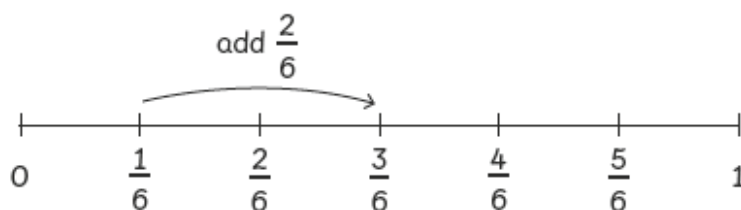
$$\frac{1}{6} + \frac{3}{6} = \frac{4}{6}$$



$$\frac{4}{6} = \frac{\text{blue box}}{3}$$

So,  $\frac{1}{6} + \frac{3}{6} = \frac{2}{3}$

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



## Guided Practice

1 Add.

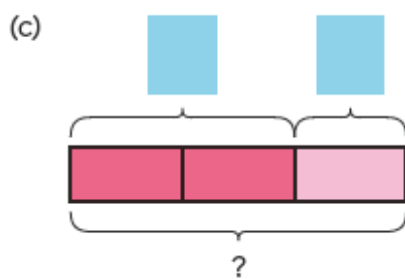


$$\frac{1}{7} + \frac{5}{7} = \square$$

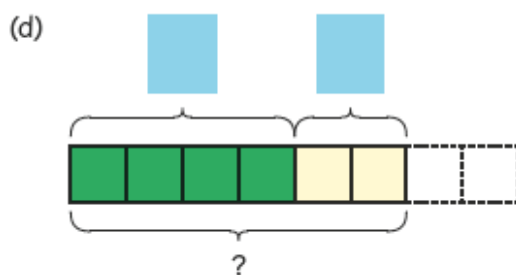
$$\frac{4}{6} = \frac{2}{3}$$



$$\frac{1}{6} + \frac{4}{6} = \square$$



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



Is the sum in the simplest form?

$$\frac{4}{8} + \frac{2}{8} = \square$$

2 Add.

(a)  $\frac{2}{9} + \frac{3}{9} = \square$

(b)  $\frac{2}{5} + \frac{3}{5} = \square$

(c)  $\frac{1}{6} + \frac{3}{6} = \square$

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

## Worksheet 18

### Adding Fractions

- 1** Add and fill in the blanks. Write each fraction in its simplest form.  
Shade the bars to help you.

(a)  $\frac{4}{9} + \frac{2}{9} =$

$=$



(b)  $\frac{3}{8} + \frac{2}{8} =$

$=$



- 2** Add and write each fraction in its simplest form.

(a)  $\frac{2}{3} + \frac{1}{3} =$

(b)  $\frac{7}{12} + \frac{1}{12} =$

(c)  $\frac{2}{8} + \frac{2}{8} =$

(d)  $\frac{2}{6} + \frac{2}{6} =$

# Adding Fractions

Name:

Date:

Colour in the correct number of boxes and write the answer to the fraction sums. Example:

a)  $\frac{1}{4} + \frac{3}{4} = \frac{4}{4}$

Red      Blue

Red	Blue	Blue	Blue
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b)  $\frac{1}{4} + \frac{2}{4} = \frac{\quad}{4}$

Red      Blue

--	--	--	--

c)  $\frac{2}{5} + \frac{1}{5} = \frac{\quad}{5}$

Red      Blue

--	--	--	--	--

d)  $\frac{1}{3} + \frac{2}{3} = \frac{\quad}{3}$

Red      Blue

--	--	--

Use the fraction numberline to find the answer to the fraction sums.

e)  $\frac{1}{5} + \frac{3}{5} =$



f)  $\frac{1}{5} + \frac{4}{5} =$

g)  $\frac{2}{6} + \frac{3}{6} =$



h)  $\frac{1}{6} + \frac{4}{6} =$



## Guided Practice

1 Add.

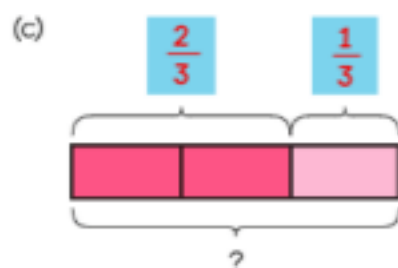


$$\frac{1}{7} + \frac{5}{7} = \frac{6}{7}$$

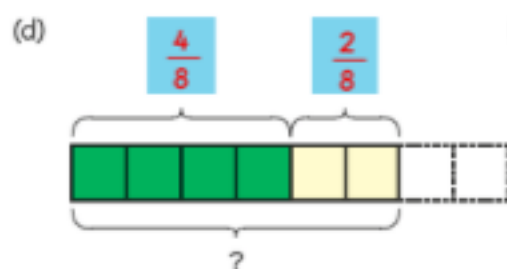


$$\frac{1}{6} + \frac{4}{6} = \frac{5}{6}$$

$$\frac{4}{6} = \frac{2}{3}$$



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



Is the sum in the simplest form?

$$\frac{4}{8} + \frac{2}{8} = \frac{6}{8}$$

2 Add.

(a)  $\frac{2}{9} + \frac{3}{9} = \frac{5}{9}$

(b)  $\frac{2}{5} + \frac{3}{5} = 1$

(c)  $\frac{1}{6} + \frac{3}{6} = \frac{4}{6}$



Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

## Worksheet 18

### Adding Fractions

- 1 Add and fill in the blanks. Write each fraction in its simplest form.  
Shade the bars to help you.

(a)  $\frac{4}{9} + \frac{2}{9} =$  6/9

$=$  2/3



(b)  $\frac{3}{8} + \frac{2}{8} =$  5/8

$=$  5/8



- 2 Add and write each fraction in its simplest form.

(a)  $\frac{2}{3} + \frac{1}{3} =$  1

(b)  $\frac{7}{12} + \frac{1}{12} =$  2/3

(c)  $\frac{2}{8} + \frac{2}{8} =$  1/2

(d)  $\frac{2}{6} + \frac{2}{6} =$  2/3