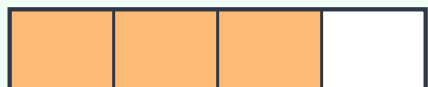


Decomposing Fractions

Write each fraction as a sum of unit fractions.

Example



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

1.



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

2.



$$\frac{5}{6} = \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square}$$

3.



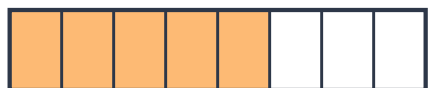
$$\frac{3}{8} = \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square}$$

4.



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

5.



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

6.

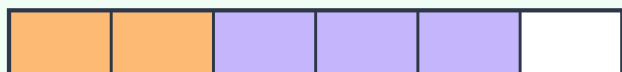


$$\frac{4}{10} = \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square}$$

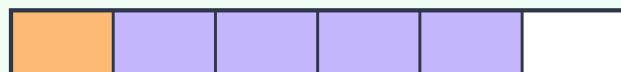
Decomposing Fractions

Write the two parts shown in each bar.

Example



$$\frac{5}{6} = \frac{2}{6} + \frac{3}{6}$$



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

1.



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



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

2.



$$\frac{6}{8} = \frac{\square}{\square} + \frac{\square}{\square}$$



$$\frac{6}{8} = \frac{\square}{\square} + \frac{\square}{\square}$$

3.

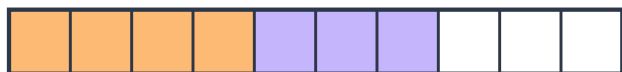


$$\frac{4}{4} = \frac{\square}{\square} + \frac{\square}{\square}$$

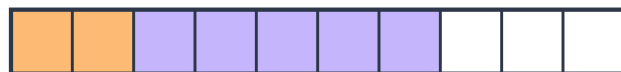


$$\frac{4}{4} = \frac{\square}{\square} + \frac{\square}{\square}$$

4.



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

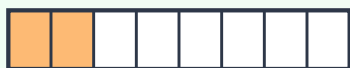


$$\frac{7}{10} = \frac{\square}{\square} + \frac{\square}{\square}$$

Decomposing Fractions

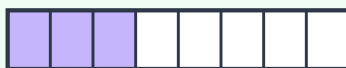
Shade the last bar to put the parts together. Write the sum.

Example



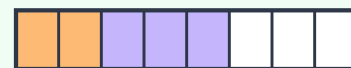
$$\frac{2}{8}$$

+



$$\frac{3}{8}$$

=



$$\frac{5}{8}$$

1.



$$\frac{1}{3}$$

+



$$\frac{1}{3}$$

=



$$\frac{\boxed{}}{\boxed{}}$$

2.



$$\frac{2}{6}$$

+



$$\frac{3}{6}$$

=



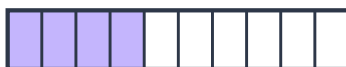
$$\frac{\boxed{}}{\boxed{}}$$

3.



$$\frac{3}{10}$$

+



$$\frac{4}{10}$$

=



$$\frac{\boxed{}}{\boxed{}}$$

Put the unit fractions together.

4. $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} = \frac{\boxed{}}{\boxed{}}$

5. $\frac{1}{8} + \frac{1}{8} = \frac{\boxed{}}{\boxed{}}$

6. $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} = \frac{\boxed{}}{\boxed{}}$

7. $\frac{1}{5} + \frac{1}{5} = \frac{\boxed{}}{\boxed{}}$

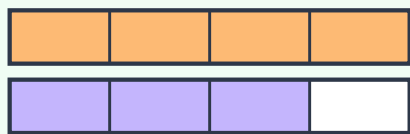
8. $\frac{1}{10} + \frac{1}{10} = \frac{\boxed{}}{\boxed{}}$

9. $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{\boxed{}}{\boxed{}}$

Decomposing Fractions

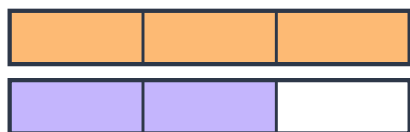
Break each fraction into 1 whole and the rest.

Example



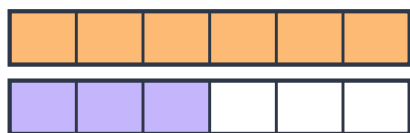
$$\frac{7}{4} = \frac{4}{4} + \frac{3}{4} = 1 + \frac{3}{4}$$

1.



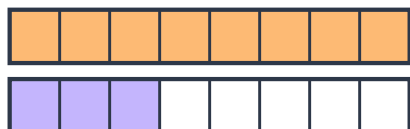
$$\frac{5}{3} = \frac{\square}{\square} + \frac{\square}{\square} = \square + \frac{\square}{\square}$$

2.



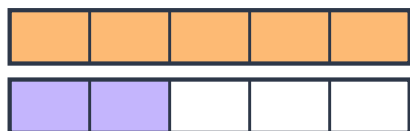
$$\frac{9}{6} = \frac{\square}{\square} + \frac{\square}{\square} = \square + \frac{\square}{\square}$$

3.



$$\frac{11}{8} = \frac{\square}{\square} + \frac{\square}{\square} = \square + \frac{\square}{\square}$$

4.



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

Find the missing part. Each one is another way to break it apart.

5.

$$\frac{7}{4} = \frac{2}{4} + \frac{\square}{\square}$$

6.

$$\frac{5}{3} = \frac{1}{3} + \frac{\square}{\square}$$

7.

$$\frac{9}{6} = \frac{\square}{\square} + \frac{4}{6}$$

8.

$$\frac{11}{8} = \frac{5}{8} + \frac{\square}{\square}$$

9.

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

10.

$$\frac{8}{3} = \frac{2}{3} + \frac{\square}{\square}$$

Decomposing Fractions

Find every way. Then solve the stories.

Find every way to break $\frac{4}{5}$ into two parts.

Color the first part one color and the second part another color.

--	--	--	--	--

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

--	--	--	--	--

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

--	--	--	--	--

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

How many ways did you find? _____

Solve. Write the fraction.

1. Ava uses $\frac{7}{8}$ of a ribbon for a bow and a card. The bow uses $\frac{3}{8}$ of the ribbon. How much does the card use?

2. Jon eats $\frac{2}{6}$ of a pizza and his sister eats $\frac{3}{6}$ of it. How much of the pizza do they eat in all?

3. Mia pours $\frac{1}{4}$ cup of water into a bowl 3 times. How much water is in the bowl?

 cup

Decomposing Fractions

Write each fraction as a sum of unit fractions.

Example



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

1.



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

2.



$$\frac{5}{6} = \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square}$$

3.



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

4.



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

5.



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

6.



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

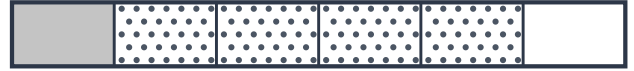
Decomposing Fractions

Write the two parts shown in each bar.

Example



$$\frac{5}{6} = \frac{2}{6} + \frac{3}{6}$$



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

1.



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



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

2.



$$\frac{6}{8} = \frac{\square}{\square} + \frac{\square}{\square}$$



$$\frac{6}{8} = \frac{\square}{\square} + \frac{\square}{\square}$$

3.



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



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

4.



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



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

Decomposing Fractions

Shade the last bar to put the parts together. Write the sum.

Example



$$\frac{2}{8}$$

+



$$\frac{3}{8}$$

=



$$\frac{5}{8}$$

1.



$$\frac{1}{3}$$

+



$$\frac{1}{3}$$

=



$$\frac{\boxed{}}{\boxed{}}$$

2.



$$\frac{2}{6}$$

+



$$\frac{3}{6}$$

=



$$\frac{\boxed{}}{\boxed{}}$$

3.



$$\frac{3}{10}$$

+



$$\frac{4}{10}$$

=



$$\frac{\boxed{}}{\boxed{}}$$

Put the unit fractions together.

4. $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} = \frac{\boxed{}}{\boxed{}}$

5. $\frac{1}{8} + \frac{1}{8} = \frac{\boxed{}}{\boxed{}}$

6. $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} = \frac{\boxed{}}{\boxed{}}$

7. $\frac{1}{5} + \frac{1}{5} = \frac{\boxed{}}{\boxed{}}$

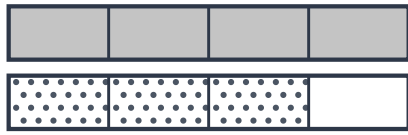
8. $\frac{1}{10} + \frac{1}{10} = \frac{\boxed{}}{\boxed{}}$

9. $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{\boxed{}}{\boxed{}}$

Decomposing Fractions

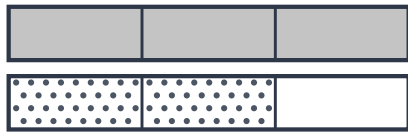
Break each fraction into 1 whole and the rest.

Example



$$\frac{7}{4} = \frac{4}{4} + \frac{3}{4} = 1 + \frac{3}{4}$$

1.



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

2.



$$\frac{9}{6} = \frac{\square}{\square} + \frac{\square}{\square} = \square + \frac{\square}{\square}$$

3.



$$\frac{11}{8} = \frac{\square}{\square} + \frac{\square}{\square} = \square + \frac{\square}{\square}$$

4.



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

Find the missing part. Each one is another way to break it apart.

5. $\frac{7}{4} = \frac{2}{4} + \frac{\square}{\square}$

6. $\frac{5}{3} = \frac{1}{3} + \frac{\square}{\square}$

7. $\frac{9}{6} = \frac{\square}{\square} + \frac{4}{6}$

8. $\frac{11}{8} = \frac{5}{8} + \frac{\square}{\square}$

9. $\frac{7}{5} = \frac{\square}{\square} + \frac{3}{5}$

10. $\frac{8}{3} = \frac{2}{3} + \frac{\square}{\square}$

Decomposing Fractions

Find every way. Then solve the stories.

Find every way to break $\frac{4}{5}$ into two parts.

Color the first part one color and the second part another color.

--	--	--	--	--

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

--	--	--	--	--

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

--	--	--	--	--

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

How many ways did you find? _____

Solve. Write the fraction.

1. Ava uses $\frac{7}{8}$ of a ribbon for a bow and a card. The bow uses $\frac{3}{8}$ of the ribbon. How much does the card use?

2. Jon eats $\frac{2}{6}$ of a pizza and his sister eats $\frac{3}{6}$ of it. How much of the pizza do they eat in all?

3. Mia pours $\frac{1}{4}$ cup of water into a bowl 3 times. How much water is in the bowl?

 cup

Decomposing Fractions

Write each fraction as a sum of unit fractions.

Example



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

1.



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

2.



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

3.



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

4.



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

5.



$$\frac{5}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$$

6.



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

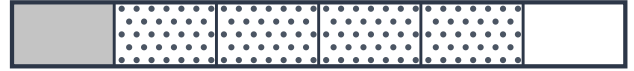
Decomposing Fractions

Write the two parts shown in each bar.

Example



$$\frac{5}{6} = \frac{2}{6} + \frac{3}{6}$$



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

1.



$$\frac{4}{5} = \frac{1}{5} + \frac{3}{5}$$



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

2.



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



$$\frac{6}{8} = \frac{3}{8} + \frac{3}{8}$$

3.



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



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

4.



$$\frac{7}{10} = \frac{4}{10} + \frac{3}{10}$$



$$\frac{7}{10} = \frac{2}{10} + \frac{5}{10}$$

Decomposing Fractions

Shade the last bar to put the parts together. Write the sum.

Example



$$\frac{2}{8}$$

+



$$\frac{3}{8}$$

=



$$\frac{5}{8}$$

1.



$$\frac{1}{3}$$

+



$$\frac{1}{3}$$

=



$$\frac{2}{3}$$

2.



$$\frac{2}{6}$$

+



$$\frac{3}{6}$$

=



$$\frac{5}{6}$$

3.



$$\frac{3}{10}$$

+



$$\frac{4}{10}$$

=



$$\frac{7}{10}$$

Put the unit fractions together.

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

$$5. \quad \frac{1}{8} + \frac{1}{8} = \frac{2}{8}$$

$$6. \quad \frac{1}{3} + \frac{1}{3} + \frac{1}{3} = \frac{3}{3}$$

$$7. \quad \frac{1}{5} + \frac{1}{5} = \frac{2}{5}$$

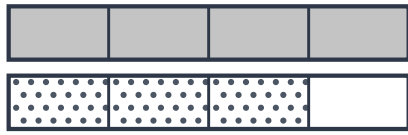
$$8. \quad \frac{1}{10} + \frac{1}{10} = \frac{2}{10}$$

$$9. \quad \frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{3}{4}$$

Decomposing Fractions

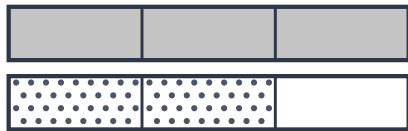
Break each fraction into 1 whole and the rest.

Example



$$\frac{7}{4} = \frac{4}{4} + \frac{3}{4} = 1 + \frac{3}{4}$$

1.



$$\frac{5}{3} = \frac{3}{3} + \frac{2}{3} = 1 + \frac{2}{3}$$

2.



$$\frac{9}{6} = \frac{6}{6} + \frac{3}{6} = 1 + \frac{3}{6}$$

3.



$$\frac{11}{8} = \frac{8}{8} + \frac{3}{8} = 1 + \frac{3}{8}$$

4.



$$\frac{7}{5} = \frac{5}{5} + \frac{2}{5} = 1 + \frac{2}{5}$$

Find the missing part. Each one is another way to break it apart.

5. $\frac{7}{4} = \frac{2}{4} + \frac{5}{4}$

6. $\frac{5}{3} = \frac{1}{3} + \frac{4}{3}$

7. $\frac{9}{6} = \frac{5}{6} + \frac{4}{6}$

8. $\frac{11}{8} = \frac{5}{8} + \frac{6}{8}$

9. $\frac{7}{5} = \frac{4}{5} + \frac{3}{5}$

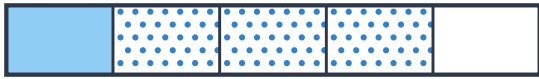
10. $\frac{8}{3} = \frac{2}{3} + \frac{6}{3}$

Decomposing Fractions

Find every way. Then solve the stories.

Find every way to break $\frac{4}{5}$ into two parts.

Color the first part one color and the second part another color.



$$\frac{4}{5} = \frac{1}{5} + \frac{3}{5}$$



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



$$\frac{4}{5} = \frac{3}{5} + \frac{1}{5}$$

How many ways did you find? 3

Solve. Write the fraction.

1. Ava uses $\frac{7}{8}$ of a ribbon for a bow and a card. The bow uses $\frac{3}{8}$ of the ribbon. How much does the card use?

$$\frac{4}{8}$$

2. Jon eats $\frac{2}{6}$ of a pizza and his sister eats $\frac{3}{6}$ of it. How much of the pizza do they eat in all?

$$\frac{5}{6}$$

3. Mia pours $\frac{1}{4}$ cup of water into a bowl 3 times. How much water is in the bowl?

$$\frac{3}{4} \text{ cup}$$