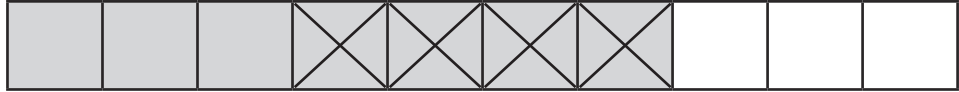# Subtract Fractions

To subtract fractions with the same denominator.

1) Subtract the fractions by taking away. The first one has been completed.

a) $\frac{7}{10} - \frac{4}{10} = \frac{3}{10}$

b) $\frac{5}{7} - \frac{3}{7} = \boxed{}$

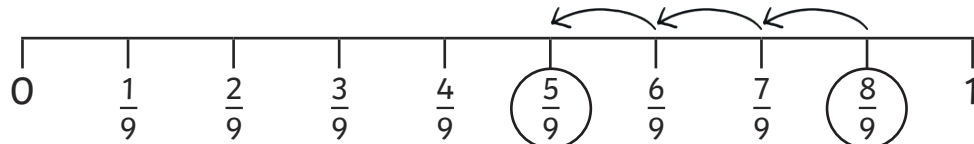c) $\frac{6}{8} - \frac{2}{8} = \boxed{}$

d) $\frac{5}{9} - \frac{3}{9} = \boxed{}$

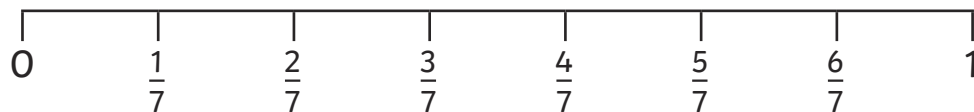2) Subtract the fractions by counting back on a number line. The first one has been completed.

a) $\frac{8}{9} - \frac{3}{9} = \frac{5}{9}$

$0 \quad \frac{1}{9} \quad \frac{2}{9} \quad \frac{3}{9} \quad \frac{4}{9} \quad \frac{5}{9} \quad \frac{6}{9} \quad \frac{7}{9} \quad \frac{8}{9} \quad 1$

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

$0 \quad \frac{1}{7} \quad \frac{2}{7} \quad \frac{3}{7} \quad \frac{4}{7} \quad \frac{5}{7} \quad \frac{6}{7} \quad 1$

c) $\frac{7}{10} - \frac{4}{10} = \boxed{}$

$0 \quad \frac{1}{10} \quad \frac{2}{10} \quad \frac{3}{10} \quad \frac{4}{10} \quad \frac{5}{10} \quad \frac{6}{10} \quad \frac{7}{10} \quad \frac{8}{10} \quad \frac{9}{10} \quad 1$

d) $\frac{5}{8} - \frac{2}{8} = \boxed{}$

$0 \quad\quad\quad\quad\quad\quad 1$

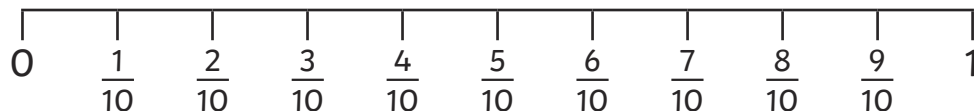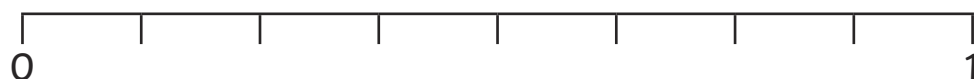3) Subtract the fractions by finding the difference. The first one has been completed.

a) $\frac{8}{10} - \frac{3}{10} = \frac{5}{10}$

b) $\frac{4}{6} - \frac{2}{6} = \square$
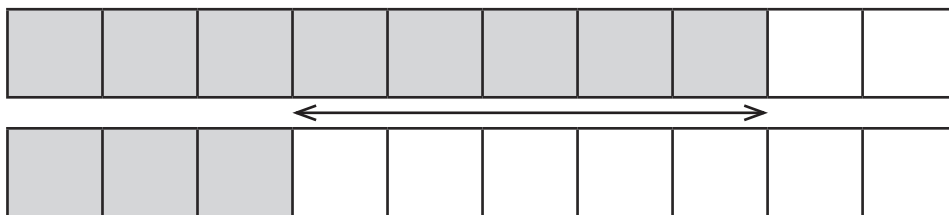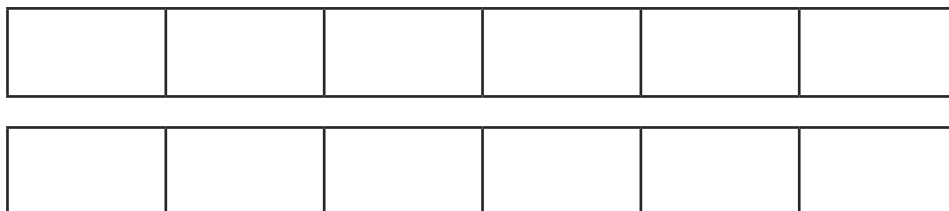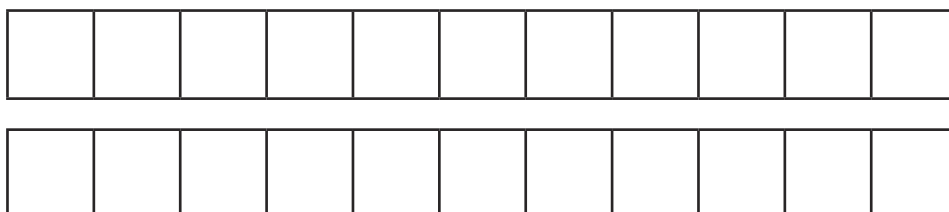
c) $\frac{9}{11} - \frac{4}{11} = \square$

d) $\frac{6}{7} - \frac{5}{7} = \square$
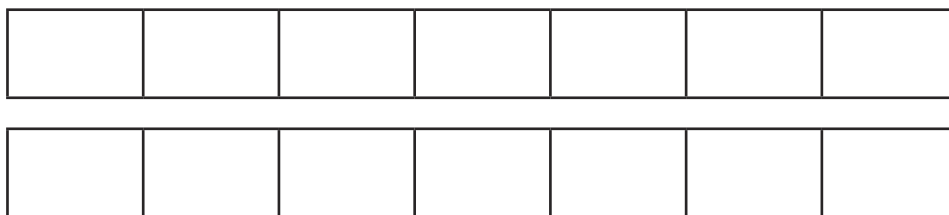
4) Use this rule to find the answers.

a) $\frac{4}{9} - \frac{2}{9} = \square$

b) $\frac{9}{10} - \frac{5}{10} = \square$

When subtracting fractions with the same denominators, just subtract the **numerators**.

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Subtract Fractions

To subtract fractions with the same denominator.

1) Subtract the fractions by taking away. The first one has been completed.

a) $\frac{9}{10} - \frac{6}{10} = \frac{3}{10}$

b) $\frac{6}{7} - \frac{1}{7} = \boxed{}$

c) $\frac{6}{8} - \frac{2}{8} = \boxed{}$

d) $\frac{3}{4} - \frac{1}{4} = \boxed{}$

2) Subtract the fractions by counting back on a number line. The first one has been completed.

a) $\frac{7}{9} - \frac{2}{9} = \frac{5}{9}$
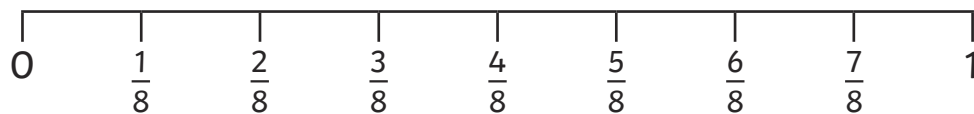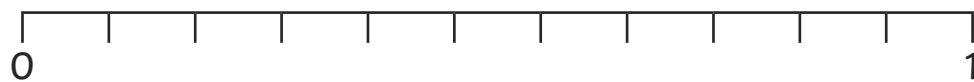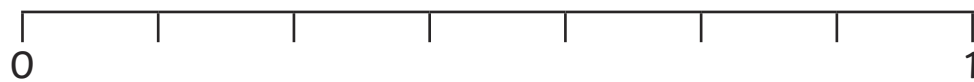
0   $\frac{1}{9}$ $\frac{2}{9}$ $\frac{3}{9}$ $\frac{4}{9}$ $\frac{5}{9}$ $\frac{6}{9}$ $\frac{7}{9}$ $\frac{8}{9}$ 1

b) $\frac{6}{8} - \frac{4}{8} = \boxed{}$

0   $\frac{1}{8}$ $\frac{2}{8}$ $\frac{3}{8}$ $\frac{4}{8}$ $\frac{5}{8}$ $\frac{6}{8}$ $\frac{7}{8}$ 1

c) $\frac{9}{11} - \frac{5}{11} = \boxed{}$

0   1

d) $\frac{6}{7} - \frac{4}{7} = \boxed{}$

0   1

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3) Subtract the fractions by finding the difference. The first one has been completed.
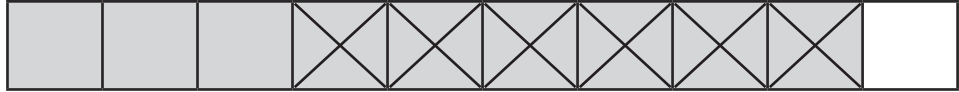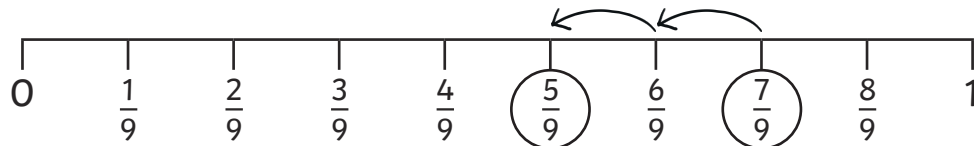
a) $\frac{8}{10} - \frac{3}{10} = \frac{5}{10}$
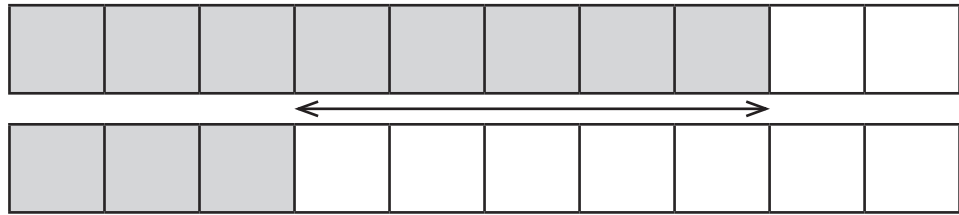
b) $\frac{4}{6} - \frac{2}{6} = \boxed{}$
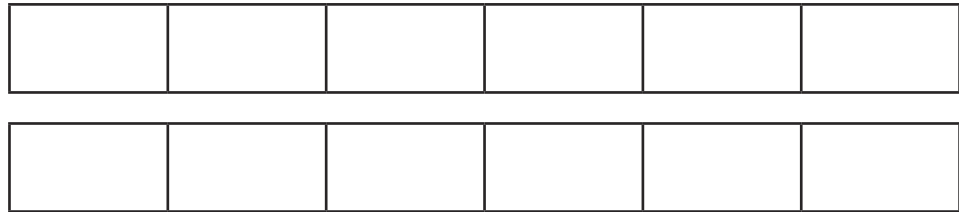
c) $\frac{9}{12} - \frac{4}{12} = \boxed{}$
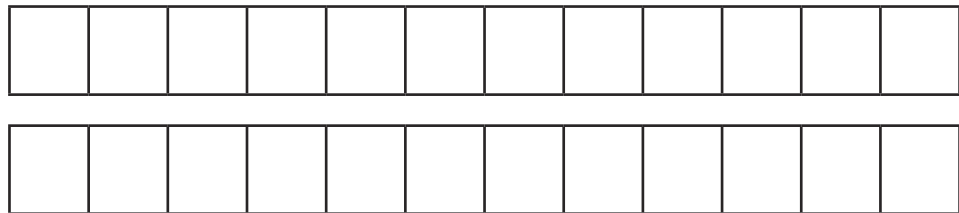
d) $\frac{5}{5} - \frac{4}{5} = \boxed{}$

4)
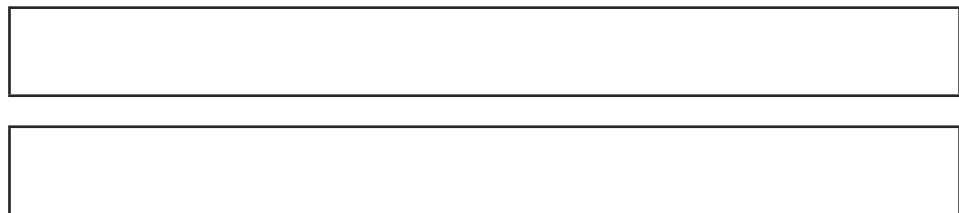
When subtracting fractions with the same denominators, just subtract the _____ .

Use this rule to answer these questions.

a) $\frac{5}{8} - \frac{3}{8} = \boxed{}$

b) $\frac{3}{9} - \frac{1}{9} = \boxed{}$

Subtract Fractions

To subtract fractions with the same denominator.

1) Subtract the fractions by taking away. Draw bar models to help you work out the answers.

a) $\frac{9}{12} - \frac{3}{12} =$ ☐

b) $\frac{8}{9} - \frac{2}{9} =$ ☐

c) $\frac{5}{11} - \frac{3}{11} =$ ☐

d) $\frac{7}{9} - \frac{3}{9} =$ ☐

2) Subtract the fractions by counting back on a number line. Draw number lines to help you work out the answers.

a) $\frac{4}{5} - \frac{1}{5} =$ ☐   0 ——————————— 1

b) $\frac{3}{4} - \frac{2}{4} =$ ☐   0 ——————————— 1

c) $\frac{2}{3} - \frac{1}{3} =$ ☐   0 ——————————— 1

d) $\frac{2}{2} - \frac{1}{2} =$ ☐   0 ——————————— 1

3) Subtract the fractions by finding the difference. Draw bar models for each fraction.

a) $\dfrac{4}{5} - \dfrac{2}{5} = \Box$

b) $\dfrac{6}{6} - \dfrac{4}{6} = \Box$

c) $\dfrac{3}{4} - \dfrac{1}{4} = \Box$

4) The answer to a subtraction calculation is $\dfrac{3}{8}$. Write 3 different calculations which have this answer.

- $\Box - \Box = \dfrac{3}{8}$

- $\Box - \Box = \dfrac{3}{8}$

- $\Box - \Box = \dfrac{3}{8}$

Subtract Fractions **Answers**

1)

    b) $\dfrac{5}{7} - \dfrac{3}{7} = \dfrac{\mathbf{2}}{\mathbf{7}}$

    c) $\dfrac{6}{8} - \dfrac{2}{8} = \dfrac{\mathbf{4}}{\mathbf{8}}$

    d) $\dfrac{5}{9} - \dfrac{3}{9} = \dfrac{\mathbf{2}}{\mathbf{9}}$

2)

    b) $\dfrac{6}{7} - \dfrac{2}{7} = \dfrac{\mathbf{4}}{\mathbf{7}}$

    c) $\dfrac{7}{10} - \dfrac{4}{10} = \dfrac{\mathbf{3}}{\mathbf{10}}$

    d) $\dfrac{5}{8} - \dfrac{2}{8} = \dfrac{\mathbf{3}}{\mathbf{8}}$

3)

    b) $\dfrac{4}{6} - \dfrac{2}{6} = \dfrac{\mathbf{2}}{\mathbf{6}}$

    c) $\dfrac{9}{11} - \dfrac{4}{11} = \dfrac{\mathbf{5}}{\mathbf{11}}$

    d) $\dfrac{6}{7} - \dfrac{5}{7} = \dfrac{\mathbf{1}}{\mathbf{7}}$

4)

    a) $\dfrac{4}{9} - \dfrac{2}{9} = \dfrac{\mathbf{2}}{\mathbf{9}}$

    b) $\dfrac{9}{10} - \dfrac{5}{10} = \dfrac{\mathbf{4}}{\mathbf{10}}$

Subtract Fractions **Answers**

1)

   b) $\dfrac{6}{7} - \dfrac{1}{7} = \dfrac{\mathbf{5}}{\mathbf{7}}$

   c) $\dfrac{6}{8} - \dfrac{2}{8} = \dfrac{\mathbf{4}}{\mathbf{8}}$

   d) $\dfrac{3}{4} - \dfrac{1}{4} = \dfrac{\mathbf{2}}{\mathbf{4}}$

2)

   b) $\dfrac{6}{8} - \dfrac{4}{8} = \dfrac{\mathbf{2}}{\mathbf{8}}$

   c) $\dfrac{9}{11} - \dfrac{5}{11} = \dfrac{\mathbf{4}}{\mathbf{11}}$

   d) $\dfrac{6}{7} - \dfrac{4}{7} = \dfrac{\mathbf{2}}{\mathbf{7}}$

3)

   b) $\dfrac{4}{6} - \dfrac{2}{6} = \dfrac{\mathbf{2}}{\mathbf{6}}$

   c) $\dfrac{9}{12} - \dfrac{4}{12} = \dfrac{\mathbf{5}}{\mathbf{12}}$

   d) $\dfrac{5}{5} - \dfrac{4}{5} = \dfrac{\mathbf{1}}{\mathbf{5}}$

4) When subtracting fractions with the same denominators, just subtract the **numerator**.
Use this rule to answer these questions.

   a) $\dfrac{5}{8} - \dfrac{3}{8} = \dfrac{\mathbf{2}}{\mathbf{8}}$

   b) $\dfrac{3}{9} - \dfrac{1}{9} = \dfrac{\mathbf{2}}{\mathbf{9}}$

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Subtract Fractions **Answers**

1)

   a) $\frac{9}{12} - \frac{3}{12} = \mathbf{\frac{6}{12}}$

   b) $\frac{8}{9} - \frac{2}{9} = \mathbf{\frac{6}{9}}$

   c) $\frac{5}{11} - \frac{3}{11} = \mathbf{\frac{2}{11}}$

   d) $\frac{7}{9} - \frac{3}{9} = \mathbf{\frac{4}{9}}$

2)

   a) $\frac{4}{5} - \frac{1}{5} = \mathbf{\frac{3}{5}}$

   b) $\frac{3}{4} - \frac{2}{4} = \mathbf{\frac{1}{4}}$

   c) $\frac{2}{3} - \frac{1}{3} = \mathbf{\frac{1}{3}}$

   d) $\frac{2}{2} - \frac{1}{2} = \mathbf{\frac{1}{2}}$

3)

   b) $\frac{4}{5} - \frac{2}{5} = \mathbf{\frac{2}{5}}$

   c) $\frac{6}{6} - \frac{4}{6} = \mathbf{\frac{2}{6}}$

   d) $\frac{3}{4} - \frac{1}{4} = \mathbf{\frac{2}{4}}$

4)   Any three calculations from:

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

- $\mathbf{\frac{6}{8}} - \mathbf{\frac{3}{8}} = \frac{3}{8}$

- $\mathbf{\frac{5}{8}} - \mathbf{\frac{2}{8}} = \frac{3}{8}$

- $\mathbf{\frac{4}{8}} - \mathbf{\frac{1}{8}} = \frac{3}{8}$