

Add and Subtract Fractions

Literacy

Illustrate and explain explicitly why $\frac{1}{2} = \frac{4}{8}$

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

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

3) $\frac{3}{7} + \frac{2}{7} =$

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

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

6) $\frac{4}{8} + \frac{5}{8} =$

7) $\frac{7}{8} - \frac{5}{8} =$

8) $\frac{6}{11} - \frac{4}{11} =$

9) $\frac{7}{9} + \frac{7}{9} =$

10) $\frac{4}{3} + \frac{5}{3} =$

Skill 1

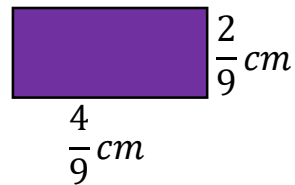
1) $\frac{1}{5} + \frac{2}{5} + \frac{3}{5} =$

2) $\frac{4}{7} - \frac{2}{7} + \frac{5}{7} =$

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

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

5) Find the perimeter of the rectangle.



Stretch 1

1) $\frac{1}{2} + \frac{1}{4} =$

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

3) $\frac{3}{10} + \frac{2}{5} =$

4) $\frac{2}{5} + \frac{1}{4} =$

5) $\frac{3}{4} + \frac{2}{3} =$

6) $\frac{4}{5} - \frac{3}{10} =$

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

8) $\frac{5}{6} - \frac{2}{5} =$

9) $\frac{4}{5} - \frac{3}{7} =$

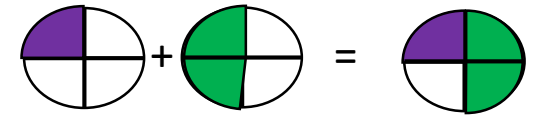
10) $\frac{3}{4} - \frac{4}{9} =$

Skill 2

Fractions with a common denominator

Memory

Example $\frac{1}{4} + \frac{2}{4} = \frac{1+2}{4} = \frac{3}{4}$



Fractions without a common denominator

B – Box it

I – Identify multiplying numbers

T – Times whole boxed fractions



Example

$\frac{\boxed{3}}{\boxed{4}} - \frac{\boxed{2}}{\boxed{7}} = \frac{21}{28} - \frac{8}{28} = \frac{21-8}{28} = \frac{14}{28} = \frac{1}{2}$

Stretch 2

1) $\frac{1}{2} + \frac{2}{5} + \frac{3}{10} =$

2) $2\frac{1}{2} + 3\frac{1}{4} =$

3) $\frac{4}{6} + \frac{7}{9} - \frac{2}{3} =$