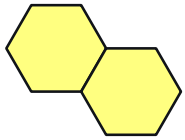
Name _____ Date _____

Adding Fractions with the Same Denominator

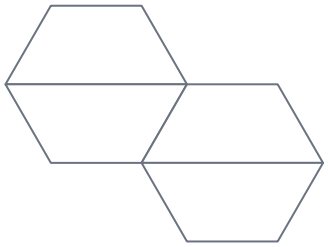
SHEET 1 **"At home"**

Group **A**

1 Two hexagons are one whole.
Find $\frac{1}{4} + \frac{2}{4}$ by following the steps. Build with blocks, then colour.

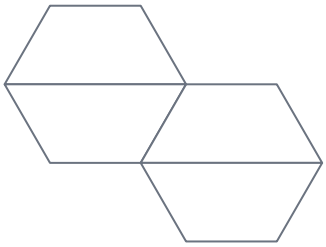


Show $\frac{1}{4}$.



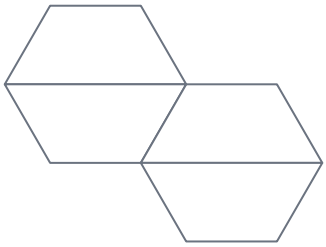
+

Show $\frac{2}{4}$.



=

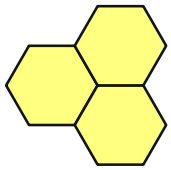
Show the sum.



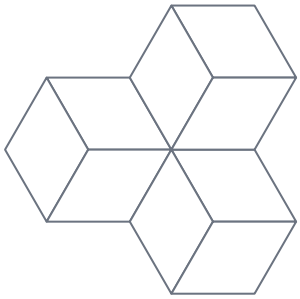
$\frac{1}{4}$ + $\frac{2}{4}$ = $\frac{\square}{\square}$

2 Three hexagons are one whole.
Find $\frac{7}{9} - \frac{2}{9}$ by following the steps. Build with blocks, then colour.

From the first shape, take away (cross out) the parts of the second shape.

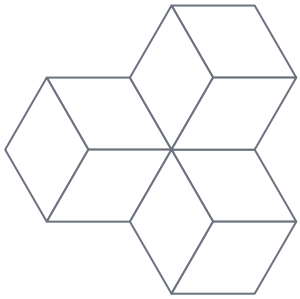


Show $\frac{7}{9}$.



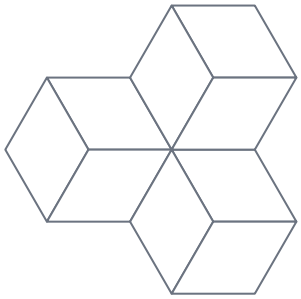
−

Show $\frac{2}{9}$.



=

Show the difference.



$\frac{7}{9}$ − $\frac{2}{9}$ = $\frac{\square}{\square}$

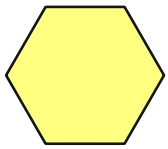
Name _____ Date _____

Adding Fractions with the Same Denominator

SHEET 1 **"At home"**

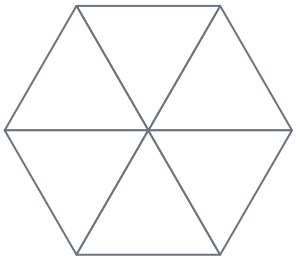
Group **B**

1 One hexagon is one whole.



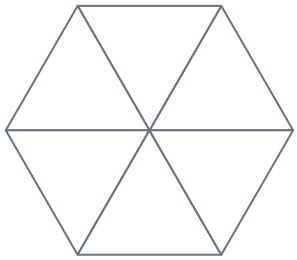
Find $\frac{2}{6} + \frac{3}{6}$ by following the steps. Build with blocks, then colour.

Show $\frac{2}{6}$.



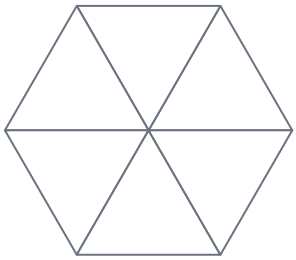
+

Show $\frac{3}{6}$.



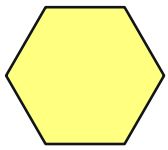
=

Show the sum.



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

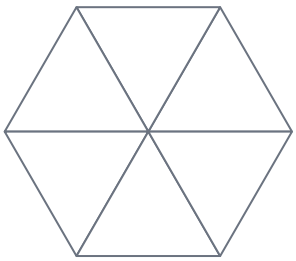
2 One hexagon is one whole.



Find $\frac{5}{6} - \frac{4}{6}$ by following the steps. Build with blocks, then colour.

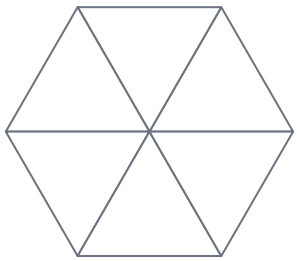
From the first shape, take away (cross out) the parts of the second shape.

Show $\frac{5}{6}$.



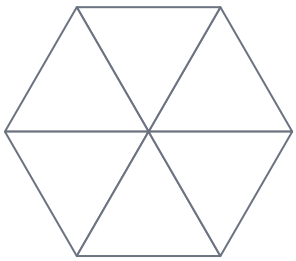
−

Show $\frac{4}{6}$.



=

Show the difference.



$\frac{5}{6} - \frac{4}{6} = \frac{\square}{\square}$

Name _____ Date _____

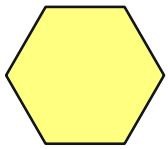
Adding Fractions with the Same Denominator

SHEET 1 **"At home"**

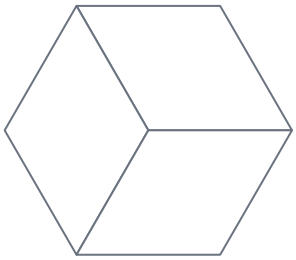
Group C

1 One hexagon is one whole.

Find $\frac{1}{3} + \frac{2}{3}$ by following the steps. Build with blocks, then colour.

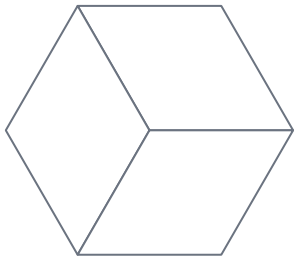


Show $\frac{1}{3}$.



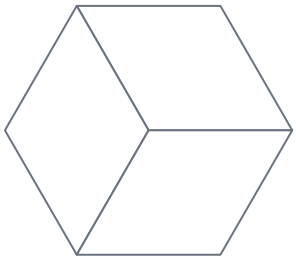
+

Show $\frac{2}{3}$.



=

Show the sum.

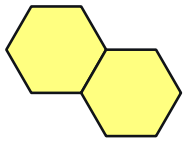


$\frac{1}{3} + \frac{2}{3} = \frac{\square}{\square}$

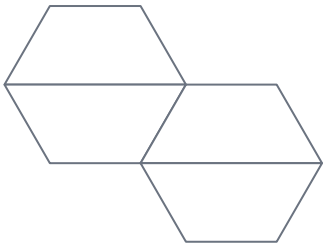
2 Two hexagons are one whole.

Find $\frac{4}{4} - \frac{3}{4}$ by following the steps. Build with blocks, then colour.

From the first shape, take away (cross out) the parts of the second shape.

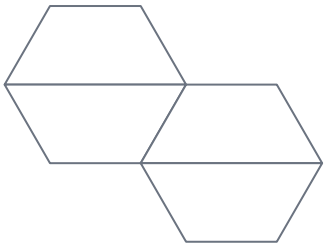


Show $\frac{4}{4}$.



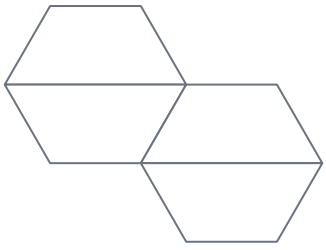
−

Show $\frac{3}{4}$.



=

Show the difference.



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

Name _____ Date _____

Adding Fractions with the Same Denominator

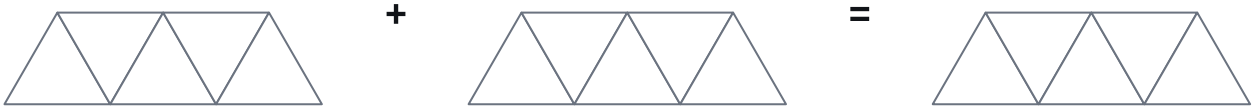
SHEET 1 **"At home"**

Group D

1 A trapezoid and a rhombus together are one whole.
Find $\frac{2}{5} + \frac{2}{5}$ by following the steps. Build with blocks, then colour.



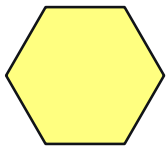
Show $\frac{2}{5}$. + Show $\frac{2}{5}$. = Show the sum.



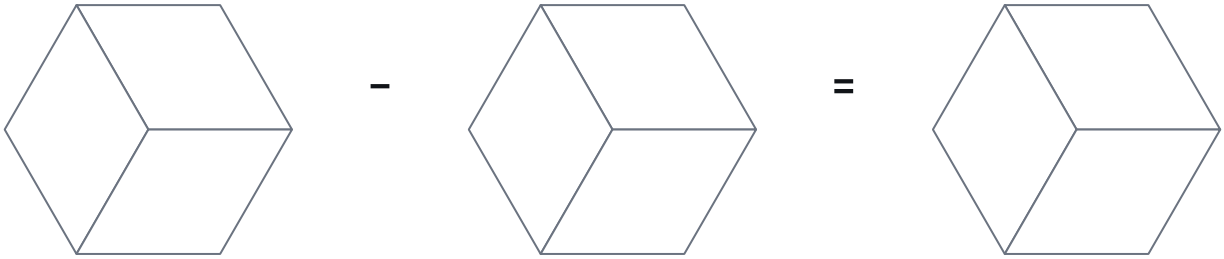
$\frac{2}{5} + \frac{2}{5} = \frac{\square}{\square}$

2 One hexagon is one whole.
Find $\frac{2}{3} - \frac{1}{3}$ by following the steps. Build with blocks, then colour.

From the first shape, take away (cross out) the parts of the second shape.



Show $\frac{2}{3}$. − Show $\frac{1}{3}$. = Show the difference.



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

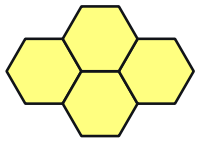
Name _____ Date _____

Adding Fractions with the Same Denominator

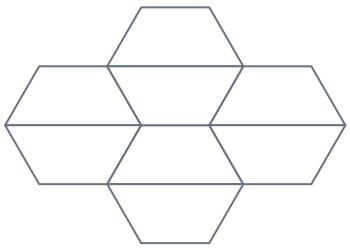
SHEET 1 **"At home"**

Group **E**

1 Four hexagons are one whole.
Find $\frac{3}{8} + \frac{4}{8}$ by following the steps. Build with blocks, then colour.

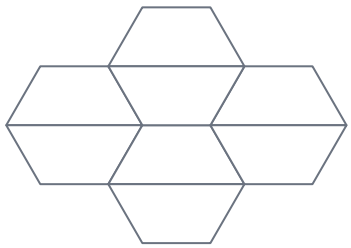


Show $\frac{3}{8}$.



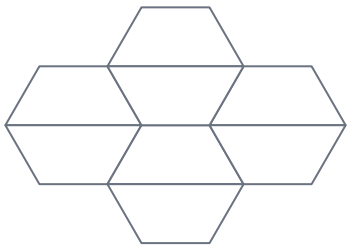
+

Show $\frac{4}{8}$.



=

Show the sum.



$\frac{3}{8}$ + $\frac{4}{8}$ = $\frac{\square}{\square}$

2 A trapezoid and a rhombus together are one whole.
Find $\frac{4}{5} - \frac{3}{5}$ by following the steps. Build with blocks, then colour.



From the first shape, take away (cross out) the parts of the second shape.

Show $\frac{4}{5}$.



−

Show $\frac{3}{5}$.



=

Show the difference.



$\frac{4}{5}$ − $\frac{3}{5}$ = $\frac{\square}{\square}$

Name _____ Date _____

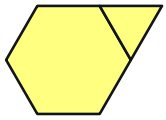
Adding Fractions with the Same Denominator

SHEET 1 **"At home"**

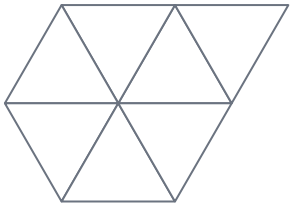
Group **F**

1 A hexagon and a triangle together are one whole.

Find $\frac{2}{7} + \frac{3}{7}$ by following the steps. Build with blocks, then colour.

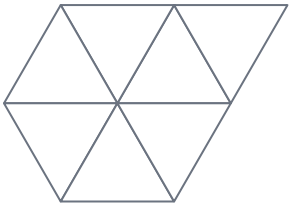


Show $\frac{2}{7}$.



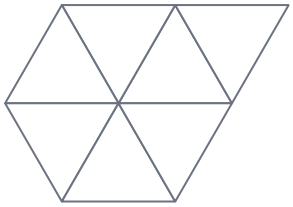
+

Show $\frac{3}{7}$.



=

Show the sum.

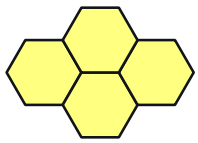


$\frac{2}{7}$ + $\frac{3}{7}$ = $\frac{\square}{\square}$

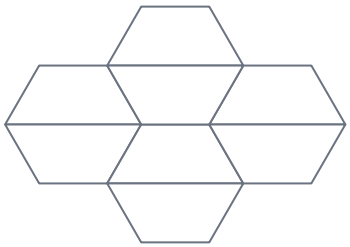
2 Four hexagons are one whole.

Find $\frac{6}{8} - \frac{1}{8}$ by following the steps. Build with blocks, then colour.

From the first shape, take away (cross out) the parts of the second shape.

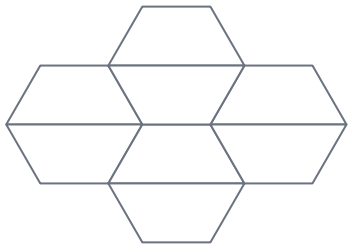


Show $\frac{6}{8}$.



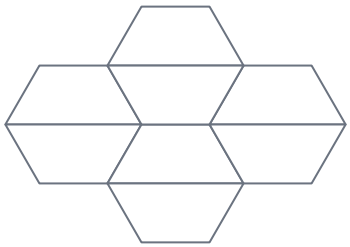
−

Show $\frac{1}{8}$.



=

Show the difference.



$\frac{6}{8}$ − $\frac{1}{8}$ = $\frac{\square}{\square}$

Name _____ Date _____

SHEET 2

"Visiting"

1 In turn, use pattern block models to show the additions from Sheet 1 and write the sums.

A	B	C	D	E	F
$\frac{1}{4} + \frac{2}{4} = \frac{\square}{\square}$	$\frac{2}{6} + \frac{3}{6} = \frac{\square}{\square}$	$\frac{1}{3} + \frac{2}{3} = \frac{\square}{\square}$	$\frac{2}{5} + \frac{2}{5} = \frac{\square}{\square}$	$\frac{3}{8} + \frac{4}{8} = \frac{\square}{\square}$	$\frac{2}{7} + \frac{3}{7} = \frac{\square}{\square}$

2 How do we add fractions with the same denominator?

3 How would you write it with mathematical symbols?

$$\frac{m}{n} + \frac{p}{n} = \frac{\square}{\square}, \quad m, p, n \in \mathbb{N}$$