

Picturing Fraction Operations

Name _____

Shade the drawings to show the operation. Then, use the algorithm to show how you would find the answer.

1. $\frac{1}{4} + \frac{2}{3}$

$\frac{1}{4}$			
$\frac{1}{4}$			
$\frac{1}{4}$			
$\frac{1}{4}$			

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

2. $\frac{1}{2} - \frac{1}{6}$

$\frac{1}{2}$	$\frac{1}{2}$

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

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

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

$\frac{1}{2}$	$\frac{1}{2}$

4. $\frac{1}{3} \times \frac{2}{3}$

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

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

5. $\frac{4}{6} \div \frac{1}{2}$

$\frac{1}{2}$	$\frac{1}{2}$

Use Fraction Towers or Fraction Strips to model, sketch, and answer the following. Then use the algorithm to find the answer.

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

7. $\frac{1}{2} \div \frac{1}{12}$