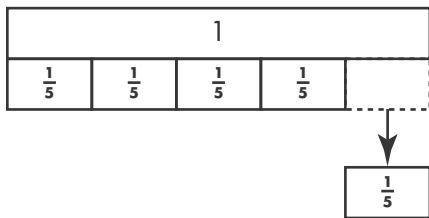


1. Match each expression on the left to an equivalent expression.

	$\frac{5}{12} + \frac{4}{12}$	$\frac{2}{12} + \frac{1}{12}$	$\frac{16}{12} - \frac{1}{12}$	$\frac{2}{12} + \frac{3}{12} + \frac{6}{12}$
$\frac{1}{12} + \frac{1}{12} + \frac{1}{12}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
$\frac{4}{12} + \frac{5}{12}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
$\frac{2}{12} + \frac{3}{12} + \frac{6}{12}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
$\frac{11}{12} + \frac{4}{12}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. On Friday, $\frac{1}{5}$ of the students in class were absent. What fraction of the students were **NOT** absent? Explain.



3. Cole spent some time working on his history homework. Then, he spent $\frac{5}{12}$ hour working on his Spanish homework. Cole spent 1 hour on homework. What fraction of an hour did Cole spend on history? Explain.

- (A) $\frac{2}{12}$ hour; because $\frac{5}{12} - \frac{3}{12} = \frac{2}{12}$
- (B) $\frac{5}{12}$ hour; because he spent the same amount of time on Spanish as he did History.
- (C) $\frac{7}{12}$ hour; because $\frac{12}{12} - \frac{5}{12} = \frac{7}{12}$
- (D) $\frac{12}{12}$ hour; because he spent an hour on homework

4. Select all the expressions that show a way to decompose $\frac{5}{10}$.

- $\frac{3}{10} + \frac{2}{10}$
- $\frac{1}{10} + \frac{1}{10} + \frac{3}{10}$
- $\frac{3}{4} + \frac{2}{6}$
- $\frac{4}{10} + \frac{1}{10} + \frac{1}{10}$
- $\frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$

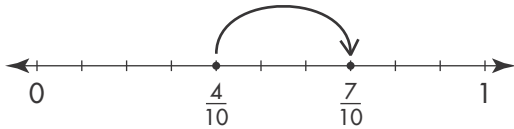
5. Which equation is **NOT** true when $\frac{4}{10}$ is the missing number?

- (A) $\frac{3}{10} + \square = \frac{7}{10}$
- (B) $\frac{14}{10} - \square = 1$
- (C) $1\frac{1}{10} + \square = \frac{7}{10}$
- (D) $1\frac{5}{10} - \square = 1\frac{1}{10}$

6. Claire had $4\frac{1}{6}$ feet of string. She used some string to hang party decorations. Now she has $1\frac{5}{6}$ feet of string left. How much string did Claire use? Draw a model and solve.

7. Tammi and Orlando each decomposed $1\frac{3}{4}$. Tammi wrote $\frac{2}{4} + \frac{2}{4} + \frac{3}{4}$. Orlando wrote $\frac{4}{4} + \frac{3}{4}$. Who was correct? Explain.

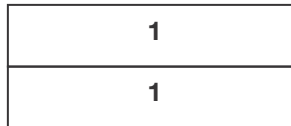
8. The number line shows which of the following equations?



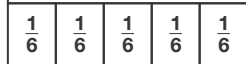
- (A) $0 + \frac{4}{10} = \frac{4}{10}$
 (B) $\frac{4}{10} + \frac{3}{10} = \frac{7}{10}$
 (C) $\frac{7}{10} - \frac{4}{10} = \frac{3}{10}$
 (D) $\frac{10}{10} - \frac{7}{10} = \frac{3}{10}$

9. Jean and Ricky used fraction strips to add. What is the sum of $2\frac{5}{6} + 1\frac{2}{6}$? Select all that apply.

$2\frac{5}{6} + 1\frac{2}{6} = 4\frac{1}{6}$



$\frac{17}{6} + \frac{8}{6} = \frac{25}{6}$

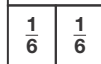


$\frac{5}{6} + \frac{2}{6} = \frac{7}{6}$

$2\frac{5}{6} + 1\frac{2}{6} = 3\frac{7}{6}$



$2\frac{5}{6} + 1\frac{2}{6} = 3$



10. Grandma Meyer uses the recipe to make a soup.

Soup Recipe

Ingredient	Quantity
Chicken broth	$2\frac{3}{4}$ cups
Water	$1\frac{2}{4}$ cups
Cream	$1\frac{1}{4}$ cups
Vegetable stock	$2\frac{3}{4}$ cups

- A. Draw a bar diagram to find how much vegetable stock and cream are needed.

- B. Find how many cups of soup will be made with all the ingredients. Explain your work.