1 Tonya adds $\frac{3}{4}$ and $\frac{1}{3}$. Which model could she use to help find the sum?
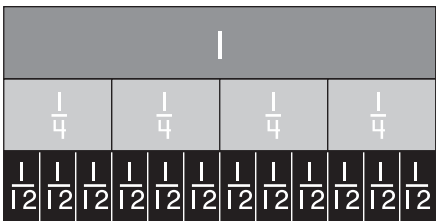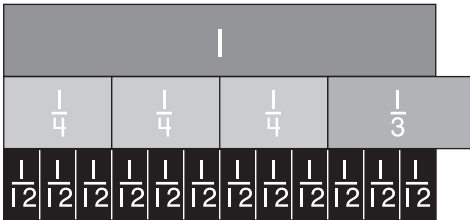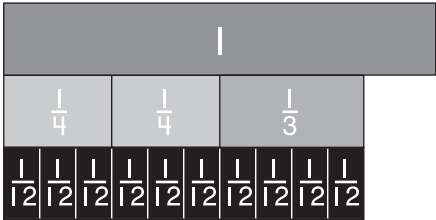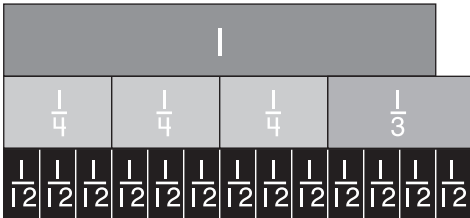
Ⓐ

Ⓑ

Ⓒ

Ⓓ

2 The shaded part of the diagram shows the amount of time Antonio has left from one hour of basketball practice. He will use $\frac{2}{5}$ hour practicing his shooting and the rest of the time practicing dribbling.

1 hour

Place an X in the table to show if each sentence is true or false.

	True	False
To determine how much time he will have to practice dribbling, Antonio must find $1 - \frac{2}{5}$.		
The fractions $\frac{2}{5}$ and $\frac{4}{10}$ are equivalent.		
Antonio will have $\frac{2}{5}$ hour to practice dribbling.		

3 Jessica bought $\frac{1}{2}$ pound of Swiss cheese and $\frac{5}{6}$ pound of Cheddar cheese. Which pairs of fractions are equivalent to the amounts Jessica bought?

Select **all** the correct answers.

Ⓐ $\frac{5}{10}$ and $\frac{8}{10}$

Ⓑ $\frac{6}{12}$ and $\frac{10}{12}$

Ⓒ $\frac{8}{16}$ and $\frac{10}{16}$

Ⓓ $\frac{10}{18}$ and $\frac{15}{18}$

Ⓔ $\frac{12}{24}$ and $\frac{20}{24}$

4 On the playground, $\frac{1}{6}$ of the students are on the jungle gym and $\frac{1}{4}$ of the students are playing kickball. What fraction of all the students on the playground are on the jungle gym or playing kickball?

_____ of the students

5 Which estimate is the BEST for the sum of $\frac{5}{6}$ and $\frac{3}{8}$?

Ⓐ 3

Ⓑ 2

Ⓒ $1\frac{1}{2}$

Ⓓ $\frac{1}{2}$

6 Nathan spent $\frac{1}{5}$ of his allowance on a movie ticket and $\frac{1}{4}$ of his allowance on a snack.

Part A

What are the fractions of Nathan's allowance rewritten with a common denominator?

$$\frac{1}{5} = \frac{\boxed{}}{20}$$

$$\frac{1}{4} = \text{\_\_\_\_\_}$$

Part B

How much of his allowance did Nathan spend?

_____

Part C

How much more of his allowance did Nathan spend on the snack than on the movie ticket?

_____

7 Pia has $\frac{9}{10}$ meter of ribbon. She cuts off $\frac{3}{5}$ meter of the ribbon to use as a bow on a box. How much ribbon does Pia have left?

Ⓐ $\frac{1}{2}$ meter

Ⓑ $\frac{3}{10}$ meter

Ⓒ $\frac{5}{6}$ meter

Ⓓ $\frac{6}{15}$ meter

8 Chen wants to find $\frac{11}{12} - \frac{5}{8}$. He estimates the difference is $\frac{1}{2}$. Is Chen's estimate reasonable?

Circle the words to correctly complete the sentence.

The estimate is $\boxed{\begin{array}{c} \text{reasonable} \\ \text{not reasonable} \end{array}}$ because Chen used

$\boxed{\begin{array}{c} \text{the closest benchmark fractions} \\ \text{benchmark fractions that are} \\ \text{not close} \end{array}}$ to subtract.

9 Gail made $\frac{7}{8}$ quart of lemonade. Her sister drank $\frac{1}{4}$ quart of the lemonade. How much lemonade is left?

_____ quart

10 Anton uses $\frac{2}{3}$ cup of grapes and $\frac{1}{2}$ cup of strawberries. What is the total amount of fruit Anton uses?

Ⓐ $\frac{2}{6}$ cup

Ⓑ $\frac{4}{6}$ cup

Ⓒ 1 cup

Ⓓ $1\frac{1}{6}$ cups