


To be able to combine fractions to make a whole amount

**MathShed**

**Starter:**  
If the completed charts represent the second and third steps in a sequence, what came before and what comes afterwards?

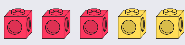


Explain your answer.

To be able to combine fractions to make a whole amount

**MathShed**

**Activity 1:**  
Fill in the blanks to complete the statements below.



- of the cubes are red

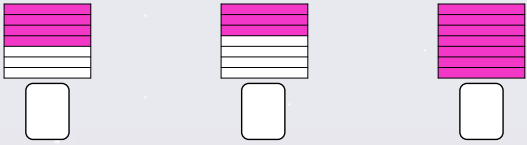
- of the cubes are yellow

+  =

To be able to combine fractions to make a whole amount

**MathShed**

**Activity 2:**  
Which fraction of each diagram is shaded?

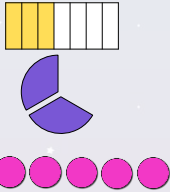


Circle the diagram that represents a whole amount.

To be able to combine fractions to make a whole amount

**MathShed**

**Activity 3:**  
Match the fraction to its model.



$\frac{2}{3}$

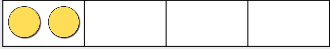
$\frac{5}{5}$

$\frac{3}{7}$

To be able to combine fractions to make a whole amount

**MathShed**

**Activity 4:**  
Here are  $\frac{1}{4}$  of Jamal's counters.



Draw the rest of Jamal's counters in the bar model above.

To be able to combine fractions to make a whole amount

**MathShed**

**Activity 5:**  
Sort the fraction cards into the table below.

Think of your own examples.

whole-amount fractions	part-amount fractions
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

$\frac{2}{2}$   $\frac{1}{5}$   $\frac{10}{10}$   $\frac{5}{5}$   $\frac{4}{4}$   $\frac{4}{9}$   $\frac{5}{7}$   $\frac{7}{7}$

To be able to combine fractions to make a whole amount



### Activity 6:

Fill in the blanks to complete the statements below.

$$\frac{4}{5} + \square = 1$$
$$\frac{1}{6} + \square = 1$$
$$\square + \frac{2}{7} = 1$$

To be able to combine fractions to make a whole amount



### Activity 7:

Three sevenths of a bag of apples are red. The rest are green.  
What fraction of the bag are green apples?

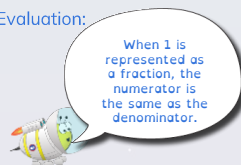
--	--	--	--	--	--	--

Use the bar model above to explain your answer.

To be able to combine fractions to make a whole amount



### Evaluation:



Is Astrobee's statement always, sometimes or never true?  
Provide examples to explain your answer.