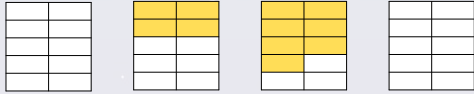


To be able to identify and represent tenths



### Starter:

If the completed diagrams represent the second and third steps in a sequence, what came before and what comes afterwards?



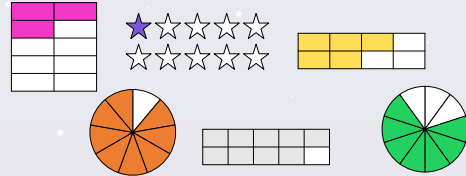
Explain your answer.

To be able to identify and represent tenths



### Activity 1:

Put a line through representations below that do not show tenths.

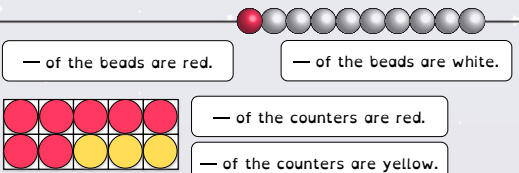


To be able to identify and represent tenths



### Activity 2:

Complete the sentences below by writing the correct fraction.

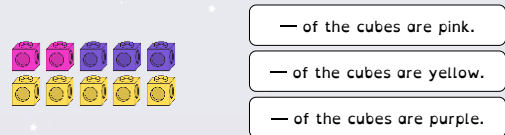


To be able to identify and represent tenths



### Activity 3:

Complete the sentences below by writing the correct fraction.



To be able to identify and represent tenths



### Activity 4:

Jamal fills the ten frame below with either red or yellow counters.



How many different counter combinations can you think of using red and/or yellow counters?

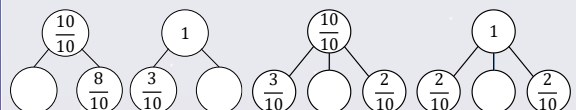
Explain your answer.

To be able to identify and represent tenths



### Activity 5:

Complete the part-whole models below.

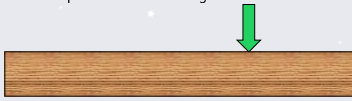


To be able to identify and represent tenths



#### Activity 6:

If Ruth has measured  $\frac{7}{10}$  of the way along the piece of wood below, what smaller fraction of the piece of wood is being cut off?



Explain your answer.

To be able to identify and represent tenths



#### Activity 7:

Ten friends share the four cakes below.



How much cake does each friend receive?

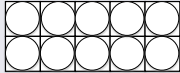
Explain your answer.

To be able to identify and represent tenths



#### Activity 8:

James has a bag of ten marbles.  
 $\frac{1}{2}$  of the bag's marbles are blue,  $\frac{1}{10}$  of the bag's marbles are yellow.

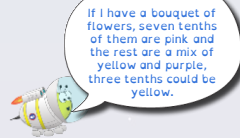


If the remaining marbles are red, what fraction of the bag's marbles are red?  
Use the ten frame above to help explain your answer.

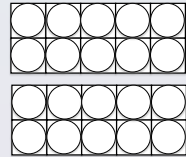
To be able to identify and represent tenths



#### Evaluation:



If I have a bouquet of flowers, seven tenths of them are pink and the rest are a mix of yellow and purple, three tenths could be yellow.



Is Astrobee's statement true or false?

Use the ten frames above to help to explain your answer.