Making the whole

1 Here are some counters.

   a) What fraction of the counters are yellow? 
       
   b) What fraction of the counters are red? 
       
   c) Complete the number sentence. 
       

2 Here is a tower of cubes.

   a) What fraction of the tower is green? 
       
   b) What fraction of the tower is blue? 
       
   c) Complete the number sentence. 
       

3 What fraction of each shape is shaded? 

Which fraction represents a whole? 

Fill in the missing fractions.

   a)  

   b)  


4 Here are some pictures.

   a) Write three fractions that are less than one whole. 

   b) Use the pictures to help you answer the questions. 

   a)  

   b) 

   c)  

   d)  

   e) 

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b) Write three fractions that are equal to one whole.

[Blank]

What do you notice? Talk about it with a partner.

5 Choose a phrase to complete the sentences.

[Greater than] [Less than] [Equal to]

When the numerator is ____________ the denominator, the fraction is less than one whole.

When the numerator is ____________ the denominator, the fraction is equal to one whole.

6 Circle the fractions that are equivalent to one whole

\[ \frac{3}{5}, \frac{4}{4}, \frac{6}{10}, \frac{2}{2}, \frac{10}{10}, \frac{8}{9}, \frac{3}{3}, \frac{5}{5} \]

7 Here are \( \frac{1}{3} \) of Jack’s marbles.

[Blank]

Draw the rest of Jack’s marbles in the bar model.

8 \( \frac{2}{7} \) of a group of children are girls.

[Blank]

What fraction are boys?

[Blank]

9 Each bar model is worth one whole.

Split the bar model and label the missing fractions.

\[ \frac{1}{4}, \frac{1}{5}, \frac{7}{10} \]

10 Complete the number sentences.

a) \( \frac{3}{5} + \quad = 1 \)

c) \( \quad = \frac{2}{7} + \frac{5}{7} \)

b) \( \quad + \frac{4}{10} = 1 \)

d) \( \frac{9}{9} = \quad + \frac{5}{9} \)