

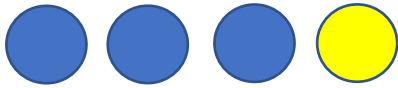
BUBBLE CLOSURE HOME LEARNING

1/12/20

L.O: I can add fractions to make a whole

MILD

1. Write fractions to complete the sentences (numerator and denominator!):



$\frac{1}{4}$ of the counters are yellow. $\frac{3}{4}$ of the counters are blue.

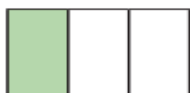
Complete the number sentence: $\frac{1}{4} + \frac{3}{4} = \frac{4}{4}$

2. Write a fraction to complete the sentence.

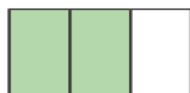


$\frac{10}{12}$ of the cupcakes have icing.

3. Fill in the missing fractions. Circle the fractions that represent a whole (where the numerator and denominator are the same!)



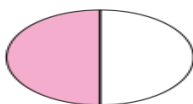
$\frac{1}{3}$



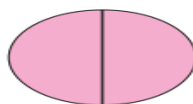
$\frac{2}{3}$



$\frac{3}{3}$

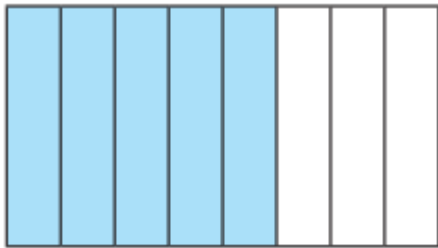


$\frac{1}{2}$



$\frac{2}{2}$

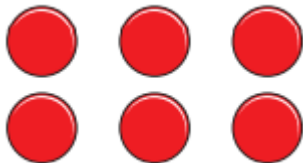
4. What fraction of the rectangle is blue? Write the fraction next to the picture.



Is this fraction more or less than one whole? Tick the correct box.

More than Less than

5. What fraction of the below counters are red? Write the fraction next to the picture.



Is this fraction more or less than one whole? Tick the correct box.

More than Less than

6. Add the following fractions:

$$\frac{1}{2} + \frac{1}{2} = \underline{\quad}$$

$$2 \quad 2$$

$$\frac{2}{4} + \frac{2}{4} = \underline{\quad}$$

$$4 \quad 4$$

$$\frac{3}{6} + \frac{3}{6} = \underline{\quad}$$

$$6 \quad 6$$

$$\frac{7}{14} + \frac{7}{14} = \underline{\quad}$$

$$14 \quad 14$$

BUBBLE CLOSURE HOME LEARNING

1/12/20

L.O: I can add fractions to make a whole

SPICY

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.

$$\boxed{} + \boxed{} = \boxed{}$$

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.

$$\boxed{} + \boxed{} = \boxed{}$$

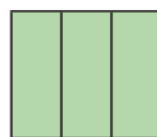
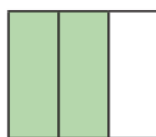
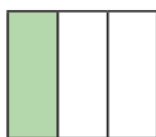
3.

What fraction of each shape is shaded?

Which fraction represents a whole?

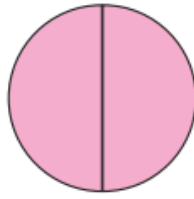
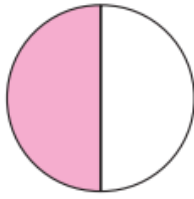
Fill in the missing fractions.

a)



= one whole

b)



= one whole

4. 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.

5. Circle the fractions that are equivalent to one whole

$$\frac{3}{5}$$

$$\frac{4}{4}$$

$$\frac{6}{10}$$

$$\frac{2}{2}$$

$$\frac{10}{10}$$

$$\frac{8}{9}$$

$$\frac{3}{3}$$

$$\frac{5}{5}$$

6. $\frac{2}{7}$ of a group of children are girls.



What fraction are boys?



are boys.

1/12/20

L.O: I can add fractions to make a whole

HOT

1. 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.

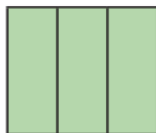
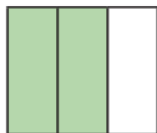
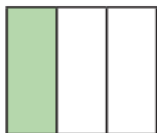
$$\boxed{} + \boxed{} = \boxed{}$$

2. What fraction of each shape is shaded?

Which fraction represents a whole?

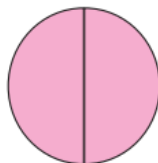
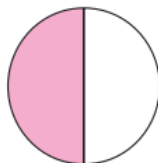
Fill in the missing fractions.

a)



= one whole

b)



= one whole

3. Using the vocabulary 'greater than' or 'less than', 'equal to', 'numerator' and 'denominator', write a rule to help you spot whether a fraction is less than or equal to a whole.

4. In the space below, write as many fractions as you can think of (neatly!) that are equivalent to one whole.

5. Here are $\frac{1}{3}$ of Jack's marbles.



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

6. Each bar model is worth one whole.

Split the bar model and label the missing fractions.



Challenge:

There are 26 children in Year 3.

1/26 wore pink socks to school last Thursday. 2/26 wore red socks. 23/26 wore socks that weren't red or pink.

$$\underline{1} + \underline{2} + \underline{23} = \underline{26}$$

$$26 \quad 26 \quad 26 \quad 26$$

How many other differences can you think of? They can be factual or fictional (e.g. 5 members of the class have a pet badger...) Write the word and number sentences for those differences, just like I've done above. Remember your total must always be 26/26!