

FACT FAMILIES -
ADDITION AND
SUBTRACTION BONDS
TO 20



GET READY



What is represented here?

1)



2)



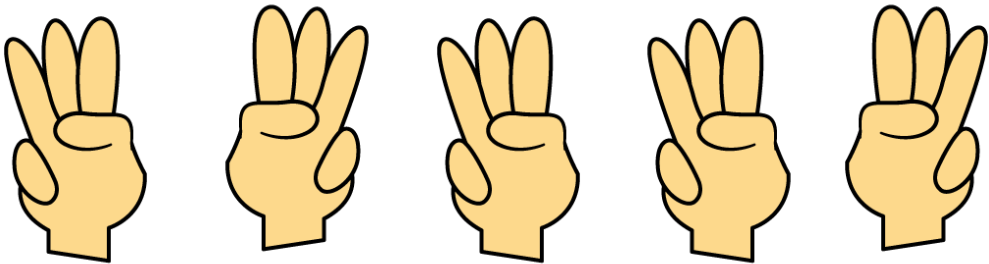
3)



What is represented here?

1)  5

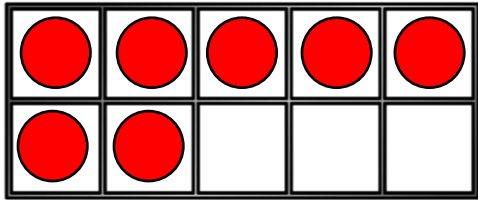
2)  15

3)  15

LET'S LEARN



What is being represented here?



$$\begin{array}{r} 7 \\ \hline \end{array} = \begin{array}{r} 6 \\ \hline \end{array} + \begin{array}{r} 1 \\ \hline \end{array}$$
$$\begin{array}{r} 7 \\ \hline \end{array} = \begin{array}{r} 1 \\ \hline \end{array} + \begin{array}{r} 6 \\ \hline \end{array}$$

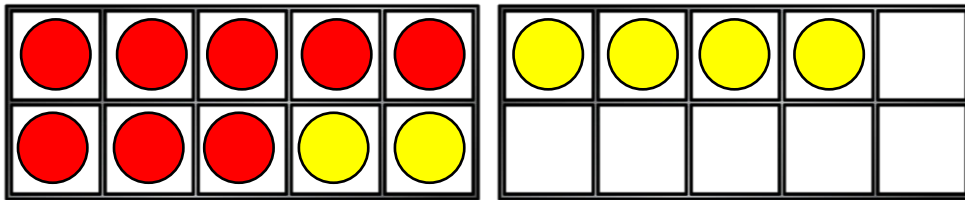
whole = part + part

$$\begin{array}{r} 6 \\ \hline \end{array} + \begin{array}{r} 1 \\ \hline \end{array} = \begin{array}{r} 7 \\ \hline \end{array}$$
$$\begin{array}{r} 1 \\ \hline \end{array} + \begin{array}{r} 6 \\ \hline \end{array} = \begin{array}{r} 7 \\ \hline \end{array}$$

part + part = whole

What is being represented here?

Have a think



$$8 + 6 = 14$$

$$6 + 8 = 14$$

$$14 = 8 + 6$$

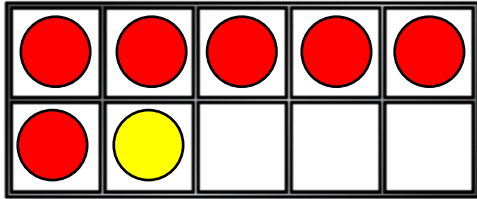
$$14 = 6 + 8$$

YOUR TURN

Have a go at question 1
on the worksheet



What is being represented here?



$$\begin{array}{r} 7 \\ \hline \end{array} - \begin{array}{r} 1 \\ \hline \end{array} = 6$$

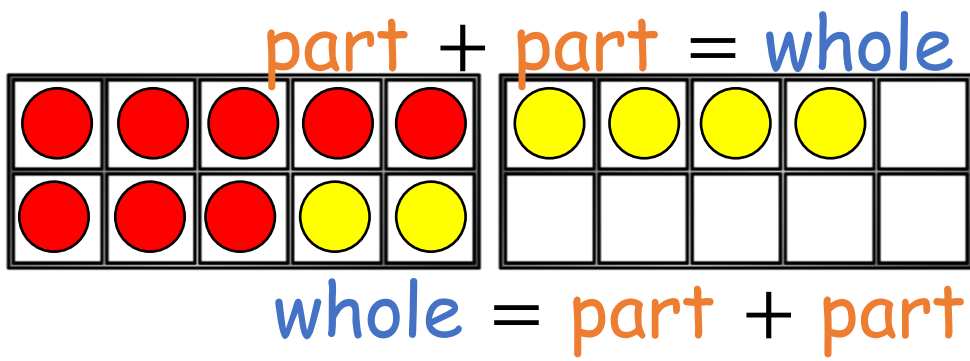
$$\begin{array}{r} 7 \\ \hline \end{array} - \begin{array}{r} 6 \\ \hline \end{array} = \begin{array}{r} 1 \\ \hline \end{array}$$

whole - part = part


$$\begin{array}{r} 6 \\ \hline \end{array} = \begin{array}{r} 7 \\ \hline \end{array} - \begin{array}{r} 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \hline \end{array} = \begin{array}{r} 7 \\ \hline \end{array} - \begin{array}{r} 6 \\ \hline \end{array}$$

part = whole - part



whole - part = part

Have a think 

part = whole - part

$$8 + 6 = 14$$

$$6 + 8 = 14$$

$$14 = 8 + 6$$

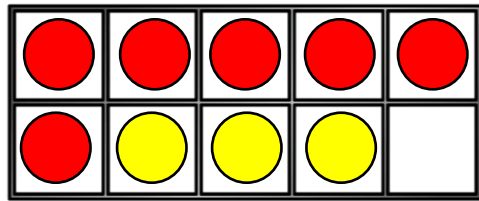
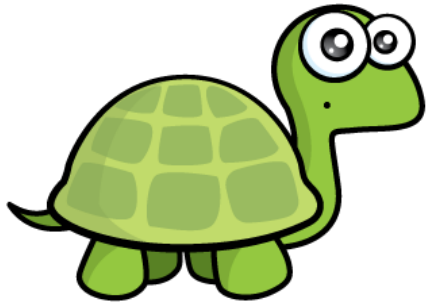
$$14 = 6 + 8$$

$$14 - 8 = 6$$


$$14 - 6 = 8$$

$$6 = 14 - 8$$

$$8 = 14 - 6$$



part + part = whole
 6 + 3 = 9
 whole - part = part

Have a think 

$$\underline{3} + \underline{6} = \underline{9} \quad \checkmark$$

$$\underline{3} + \underline{9} = \underline{6} \quad \times$$

$$\underline{9} - \underline{3} = \underline{6} \quad \checkmark$$

$$\underline{6} - \underline{3} = \underline{9} \quad \times$$

YOUR TURN

Have a go at questions
2 and 3 on the
worksheet

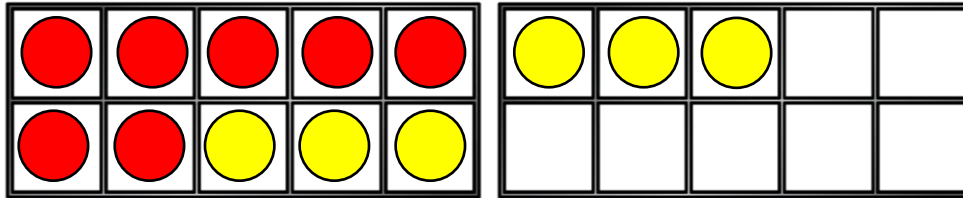
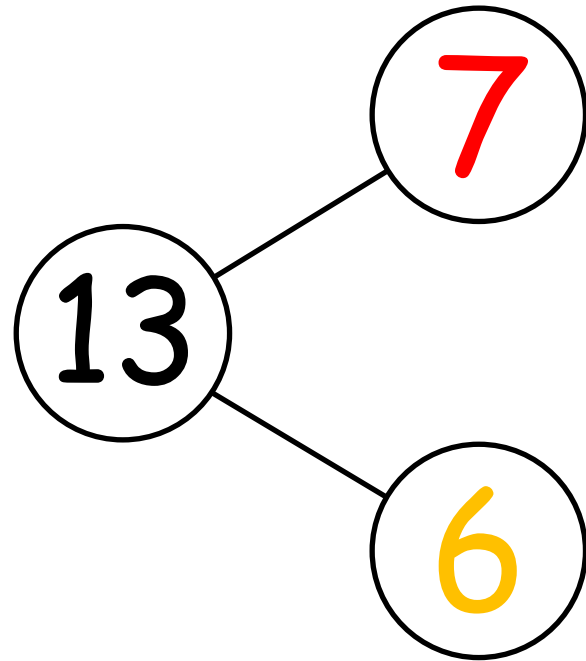


$$7 + 6 = 13$$

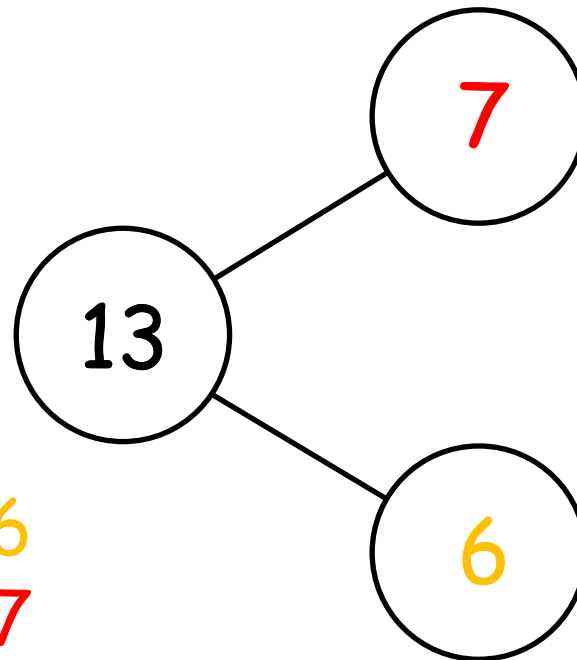
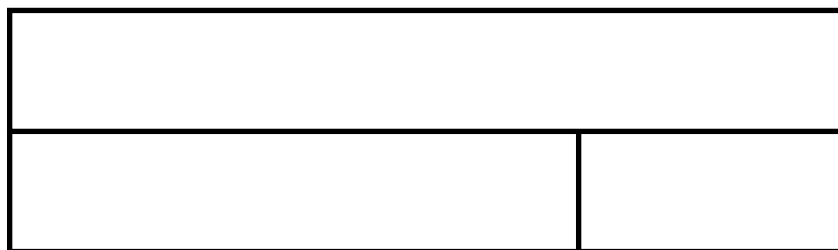
$$6 + 7 = 13$$

$$13 - 6 = 7$$

$$13 - 7 = 6$$



Have a think



$$7 + 6 = 13$$

$$6 + 7 = 13$$

$$13 - 6 = 7$$

$$13 - 7 = 6$$

$$13 = 7 + 6$$

$$13 = 6 + 7$$

$$7 = 13 - 6$$

$$6 = 13 - 7$$

YOUR TURN

Have a go at
questions the rest of
the worksheet

