

Making 8 and 9

Day 1 Sheet 1

1. Are these number sentences correct ☐ or incorrect ☐.

$3 + 5 = 8$

☐

$6 + 2 = 8$

☐

$2 + 9 = 9$

☐

$1 + 9 = 8$

☐

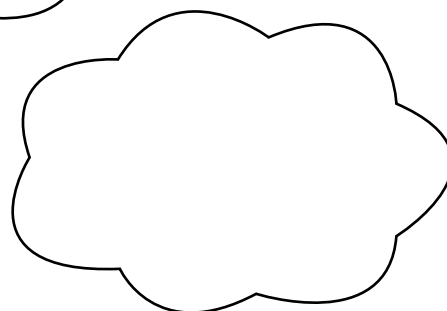
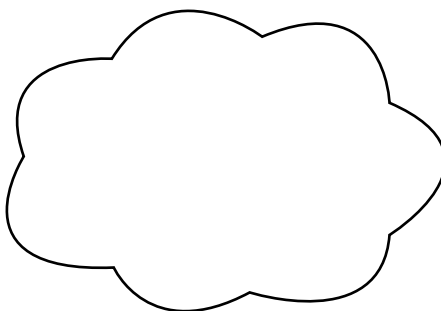
$4 + 4 = 8$

☐

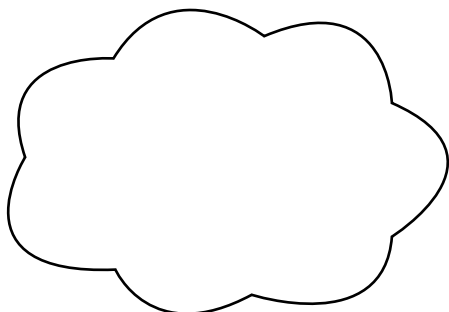
$8 + 1 = 9$

☐

$5 + 4 = 9$

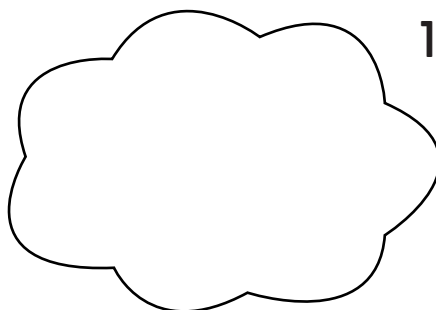
☐

2. Join pairs of numbers that make 8.



8 2 7 4
5 6 4 1 3
9 0

3. Join pairs of numbers that make 9.



1 5 3 4
2 8 9
0 6 7

Challenge

Use these numbers to create addition sentences with a total of 8 or 9, e.g. $6 + 3 = 9$.
Write some in the clouds:

9 5 6 4 7 2 1 8 3 4 0

Relating addition and subtraction

Day 2 Sheet 1

Knowing addition facts can help us to work out subtraction facts.

If we know $3 + 4 = 7$, then we know that $7 - 3 = 4$, or $7 - 4 = 3$.

Work out each addition. Use it to create a subtraction number sentence, e.g.

$$\begin{array}{c} \text{3 muffins} \\ + \text{6 muffins} \\ \hline \end{array} = 9$$
$$\begin{array}{c} \text{9 muffins} \\ - \text{3 muffins} \\ \hline \end{array} = \square$$

$$\begin{array}{c} \text{5 donuts} \\ + \text{3 donuts} \\ \hline \end{array} = \square$$
$$\begin{array}{c} \text{8 donuts} \\ - \text{3 donuts} \\ \hline \end{array} = \square$$

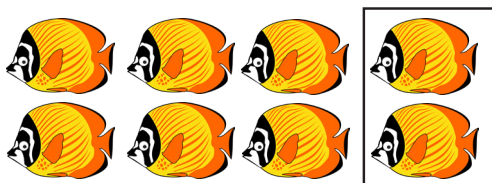
$$\begin{array}{c} \text{6 gingerbread men} \\ + \text{2 gingerbread men} \\ \hline \end{array} = \square$$
$$\begin{array}{c} \text{8 gingerbread men} \\ - \text{2 gingerbread men} \\ \hline \end{array} = \square$$

$$\begin{array}{c} \text{4 donuts} \\ + \text{3 donuts} \\ \hline \end{array} = \square$$
$$\begin{array}{c} \text{7 donuts} \\ - \text{3 donuts} \\ \hline \end{array} = \square$$

Relating addition and subtraction

Day 2 Sheet 2

Knowing addition facts can help us to work out subtraction facts.
If we know $3 + 4 = 7$, then we know that $7 - 3 = 4$, or $7 - 4 = 3$.



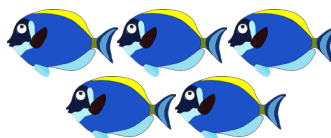
$$6 + 2 = 8, \text{ so } 8 - 2 = 6 \text{ and } 8 - 6 = 2$$

Work out each addition. Use it to create a subtraction number sentence.



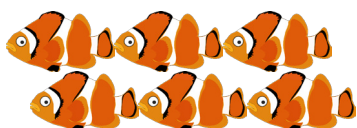
$$\square + \square = 3$$

$$3 - \square = \square$$



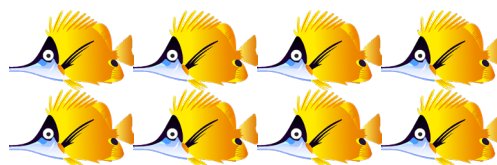
$$\square + \square = 5$$

$$\square - \square = \square$$



$$\square + \square = \square$$

$$\square - \square = \square$$



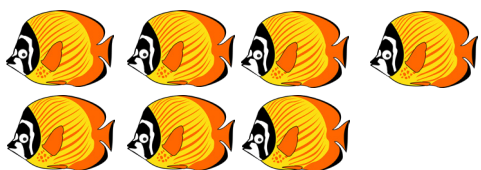
$$\square + \square = \square$$

$$\square - \square = \square$$

Relating addition and subtraction

Day 2 Sheet 3

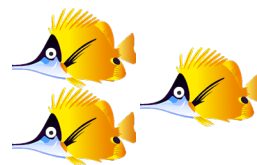
Use each addition to create two subtractions.



$$\square + \square = \square$$

$$\square - \square = \square$$

$$\square - \square = \square$$



$$\square + \square = \square$$

$$\square - \square = \square$$

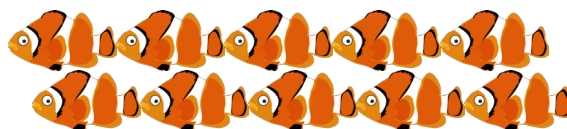
$$\square - \square = \square$$



$$\square + \square = \square$$

$$\square - \square = \square$$

$$\square - \square = \square$$



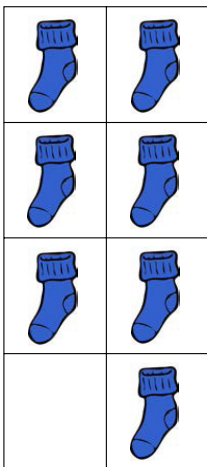
$$\square + \square = \square$$

$$\square - \square = \square$$

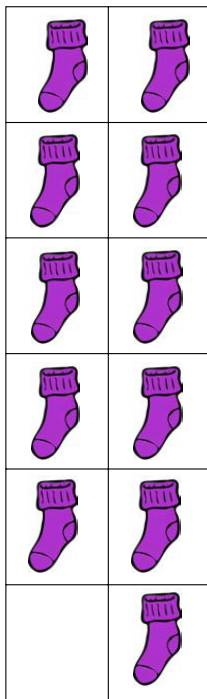
$$\square - \square = \square$$

Doubles and near doubles

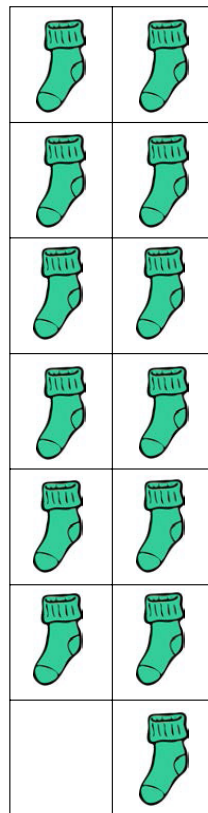
Day 3 Sheet 1



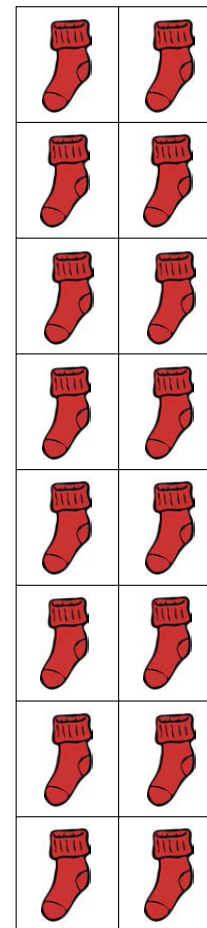
$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$

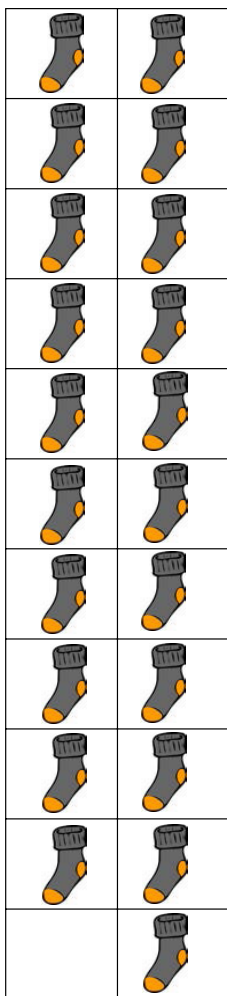
Challenge

What is this near double?

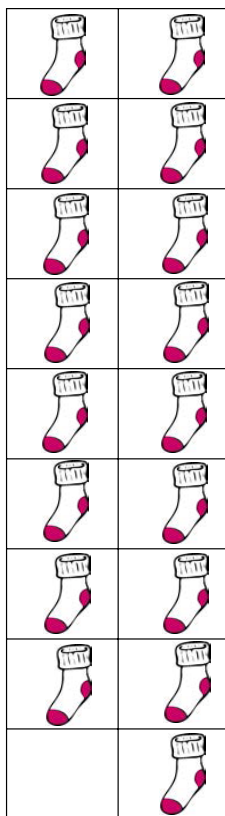
$$\square + \square = 15$$

Doubles and near doubles

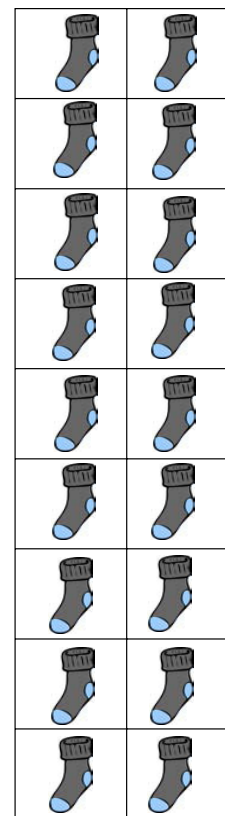
Day 3 Sheet 2



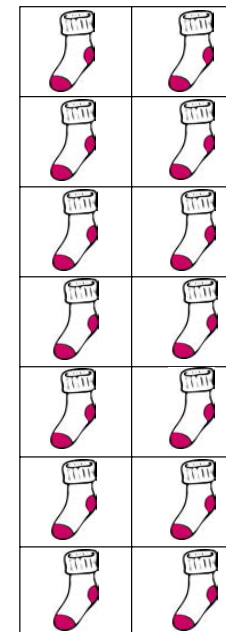
$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$

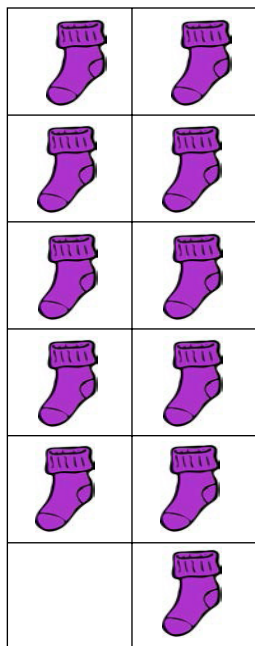
Challenge

What is this near double?

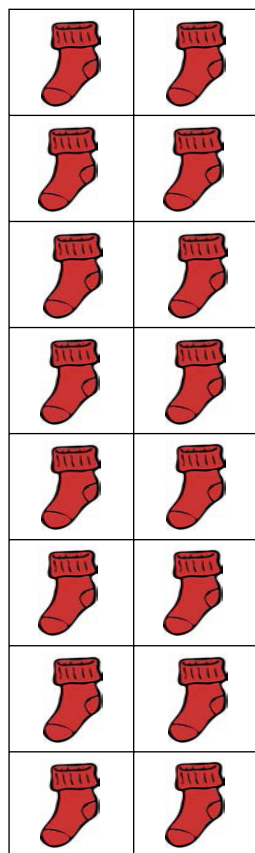
$$\square + \square = 19$$

Doubles and near doubles

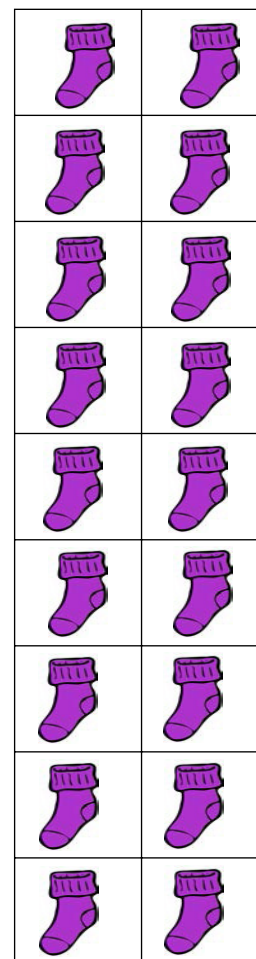
Day 3 Sheet 3



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$

$$10 + 11 = \square$$

$$8 + 9 = \square$$

$$6 + 7 = \square$$

$$\square + \square = 15$$

$$11 + 11 = \square$$

$$\square + \square = 19$$