

Reception and Year 1 Addition and Subtraction, Unit 1 (R1229)

Additional teacher instructions for practice sheets

These notes indicate which practice sheets are most appropriate for which groups.

Day 1 Y1 How many more to make 8? Sheet 1

Working towards ARE / Working at ARE / Greater Depth

Working towards ARE use real cubes to support.

Greater Depth complete all the questions then write the matching number bond for each by swapping the numbers, e.g. $6 + 2 = 8$ and $2 + 6 = 8$.

Day 2 Y1 Birthday number bond candles Sheet 1

Working towards ARE / Working at ARE

Working towards ARE may draw candles to help.

Day 2 Y1 How many more to make 9? Sheet 2

Greater Depth

Day 3 Y1 Fish doubles Sheet 1

Working towards ARE / Working at ARE / Greater Depth

Working towards ARE use cubes or number shapes, such as Numicon, to support.

Working at ARE complete the first 6.

Greater Depth complete all the fish doubles and the Challenge.

Day 4 Y1 Adding 3 dice Sheet 1

Working towards ARE / Working at ARE / Greater Depth

Working towards ARE use beaded lines to support.

Day 5 Y1 Adding 3 numbers Sheet 1

Working towards ARE / Working at ARE

Children rewrite the numbers showing how they can be re-ordered to make it easy to add.

Day 5 Y1 Adding 3 numbers Sheet 2

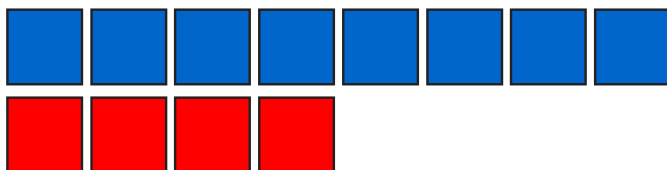
Greater Depth

Children rewrite the numbers showing how they can be re-ordered to make it easy to add.

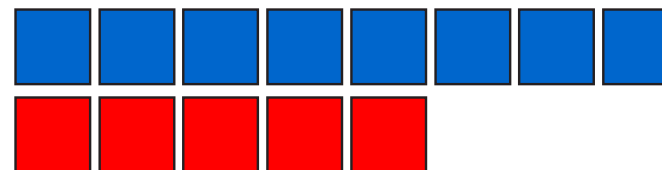
How many more to make 8?

Sheet 1

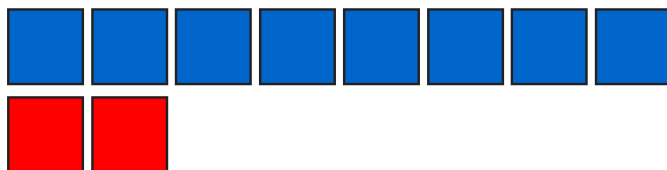
Draw the missing number of cubes and write the missing number in the number sentence below:



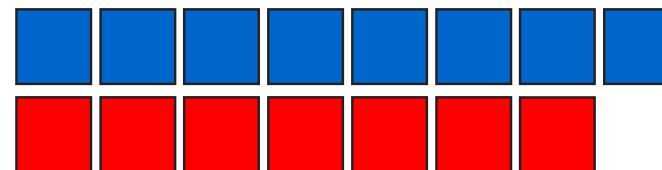
$$4 + \square = 8$$



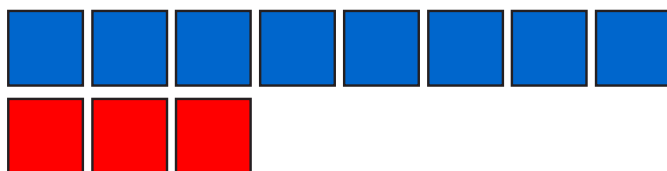
$$5 + \square = 8$$



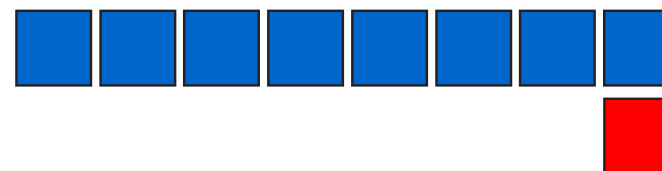
$$2 + \square = 8$$



$$7 + \square = 8$$



$$3 + \square = 8$$





$$\square + 1 = 8$$


Birthday number bond candles

Sheet 1

How many more candles to make 9? Finish each number sentence.

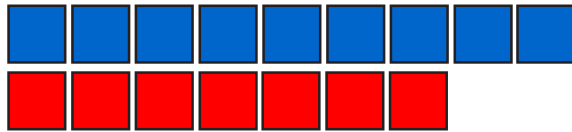
									
2	+		=	9	5	+		=	

									
	+		=			+		=	

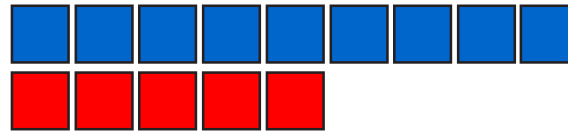
									
	+		=			+		=	

How many more to make 9?

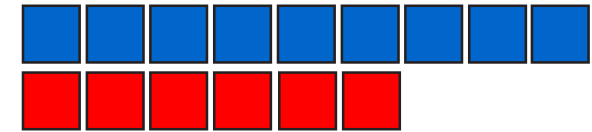
Sheet 2



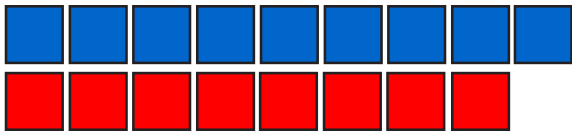
$$7 + \square = 9$$



$$5 + \square = 9$$



$$6 + \square = 9$$



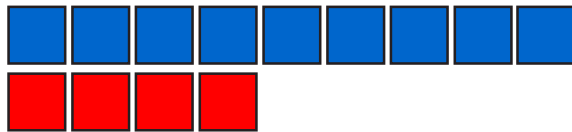
$$8 + \square = 9$$



$$3 + \square = 9$$



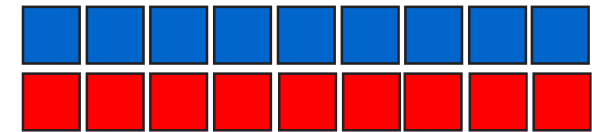
$$2 + \square = 9$$



$$4 + \square = 9$$



$$1 + \square = 9$$



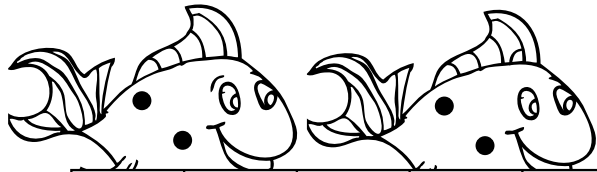
$$9 + \square = 9$$

Challenge

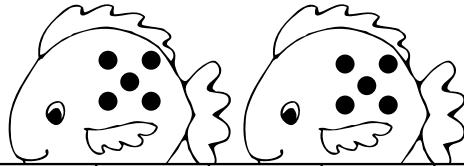
Sam's big brother is seven today! How many more years until he is 9? How many years until you are 9?

Fish doubles

Sheet 1



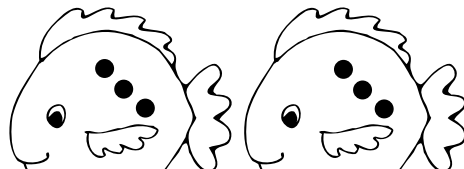
2	+	2	=	
---	---	---	---	--



	+		=	
--	---	--	---	--



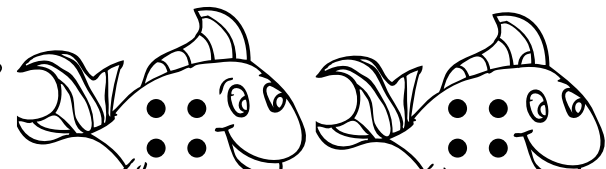
	+		=	
--	---	--	---	--



	+		=	
--	---	--	---	--



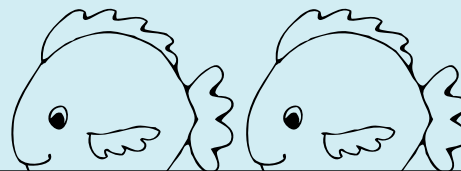
	+		=	
--	---	--	---	--



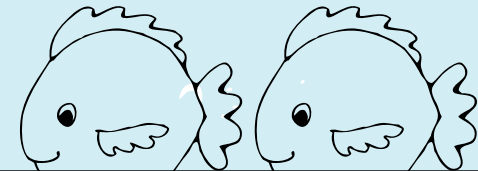
	+		=	
--	---	--	---	--

Challenge

Draw two more different fish doubles.
Write a number sentence for each.



	+		=	
--	---	--	---	--





	+		=	
--	---	--	---	--


Adding 3 dice


Sheet 1


Can you re-arrange the dice into the order you might add them together? Remember to look for doubles and number bonds to help you, e.g. $6 + 4 + 2 = 12$

1.  + + =

2.  + + =

3.  + + =

4.  + + =

5.  + + =

Adding 3 numbers

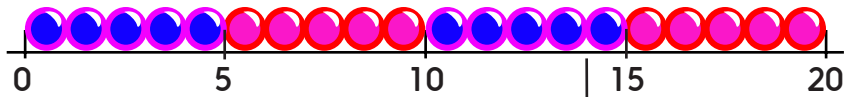
Sheet 1

Example

This makes 10

9 4 1

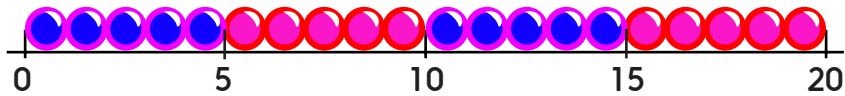
$$\boxed{9} + \boxed{1} + \boxed{4} = \boxed{14}$$



14

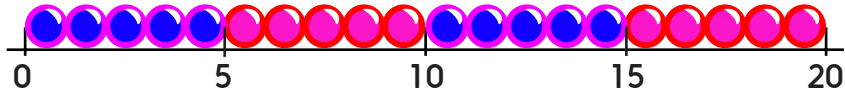
5 2 8

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



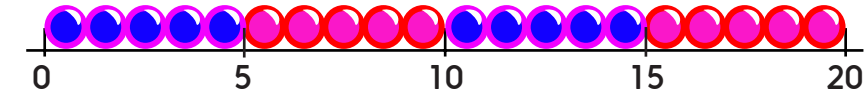
7 3 4

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



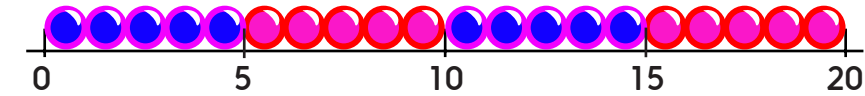
4 5 6

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



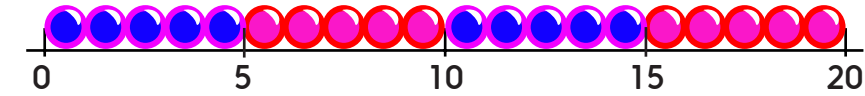
3 7 8

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



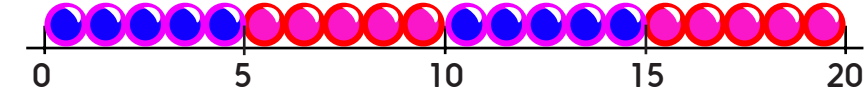
3 6 4

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



5 9 5

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



Challenge

Fill in the missing numbers:

$$\boxed{} + \boxed{7} + \boxed{} = \boxed{17}$$

Adding 3 numbers

Sheet 2

9 4 1

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

4 5 6

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

5 2 8

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

3 7 8

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

7 3 4

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

3 6 4

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

Challenge

Write 3 numbers to give a total of 17.

$$\square + \square + \square = 17$$

5 9 5

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

Addition and subtraction

Answers

Day 1 Y1 How many more to make 8? Sheet 1

$4 + 4 = 8$

$5 + 3 = 8$

$2 + 6 = 8$

$7 + 1 = 8$

$3 + 5 = 8$

$7 + 1 = 8$

Day 2 Y1 Birthday number bond candles Sheet 1

$2 + 7 = 9$

$5 + 4 = 9$

$7 + 2 = 9$

$8 + 1 = 9$

$4 + 5 = 9$

$1 + 8 = 9$

$9 + 0 = 9$

$3 + 6 = 9$

$6 + 3 = 9$

Day 2 Y1 How many more to make 9? Sheet 2

$7 + 2 = 9$

$5 + 4 = 9$

$6 + 3 = 9$

$8 + 1 = 9$

$3 + 6 = 9$

$2 + 7 = 9$

$4 + 5 = 9$

$1 + 8 = 9$

$9 + 0 = 9$

Challenge

Sam's big brother is seven today! How many more years until he is 9? **2 years**
How many years until you are 9? **4 years if child is 5, 3 years if they are 6.**

Day 3 Y1 Fish doubles Sheet 1

$2 + 2 = 4$

$5 + 5 = 10$

$6 + 6 = 12$

$3 + 3 = 6$

$1 + 1 = 2$

$4 + 4 = 8$

Challenge

Accept answers where children's drawings and number sentences match up.
Sums could include $7 + 7 = 14$, $8 + 8 = 16$, and so on.

Day 4 Y1 Adding 3 dice Sheet 1

1. $6 + 4 + 3 = 13$

2. $5 + 5 + 6 = 16$

3. $9 + 1 + 7 = 17$

4. $3 + 3 + 6 = 12$

5. $7 + 3 + 5 = 15$

Day 5 Y1 Adding 3 numbers Sheet 1

$9 + 1 + 4 = 14$

$6 + 4 + 5 = 15$

$8 + 2 + 5 = 15$

$7 + 3 + 8 = 18$

$7 + 3 + 4 = 14$

$6 + 4 + 3 = 13$

$5 + 5 + 9 = 19$

Challenge

Fill in the missing numbers:

$$\boxed{3} + \boxed{7} + \boxed{7} = 17$$

Addition and subtraction

Answers

Day 5 Y1 Adding 3 numbers Sheet 2

$$9 + 1 + 4 = 14$$

$$6 + 4 + 5 = 15$$

$$8 + 2 + 5 = 15$$

$$7 + 3 + 8 = 18$$

$$7 + 3 + 4 = 14$$

$$6 + 4 + 3 = 13$$

$$5 + 5 + 9 = 19$$

Challenge

Accept answers where 3 different numbers are given that add up to 17, e.g. $6 + 4 + 7$, $8 + 2 + 7$, $6 + 6 + 5$, etc.