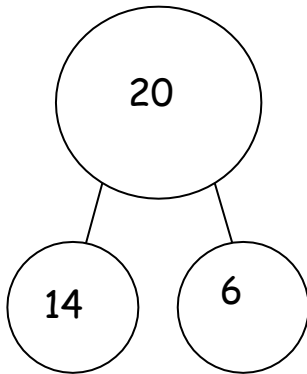




# Numeracy Homework

Due date: \_\_\_\_\_

At St. Peter's we are committed to developing children's core mathematical skills and concepts. This includes their addition and subtraction knowledge by learning their number bonds to 20. Number bonds are numbers that add together to make a given number and a number bond diagram as follows:



Related Number sentences:

$$14+6=20$$

$$20=6+14$$

$$20-6=14$$

$$6=20-14$$

It is important that children understand the equals sign as a balance rather than question and answer which is why facts can be written either way round. This will help children when learning complex calculations later in their education.

Alongside learning their number bonds children are being taught to count in steps of a given number to lead in to learning multiplication facts. In school we are introducing these using a rolling numbers programme, where children learn to count in steps using their fingers. These can be done in the car, walking to school or almost anywhere to support learning. Examples of these have been included in each step of the booklet.

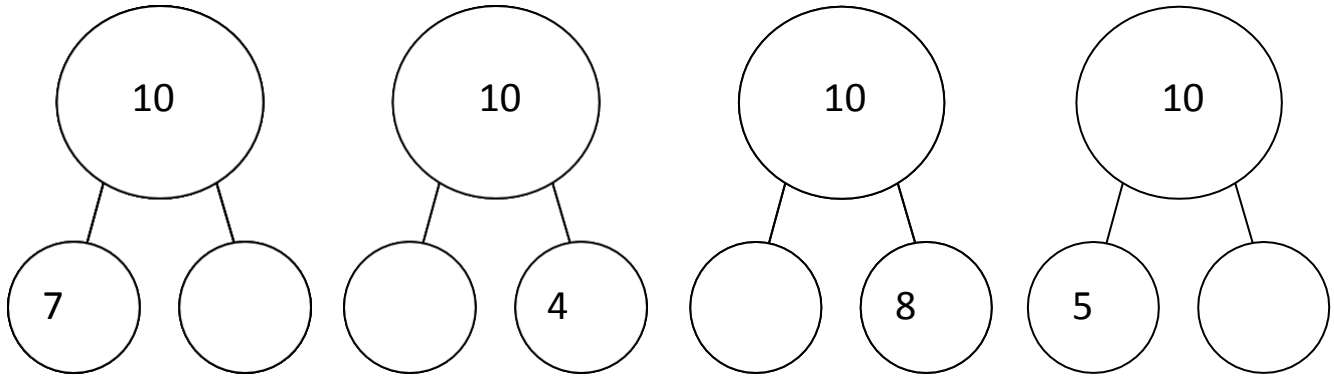
Children should complete one page of this homework per week. Please ensure you cover a completed part before children try the next part.

If you have any questions regarding this homework, or would like extra grids for different steps please speak to your child's class teacher.

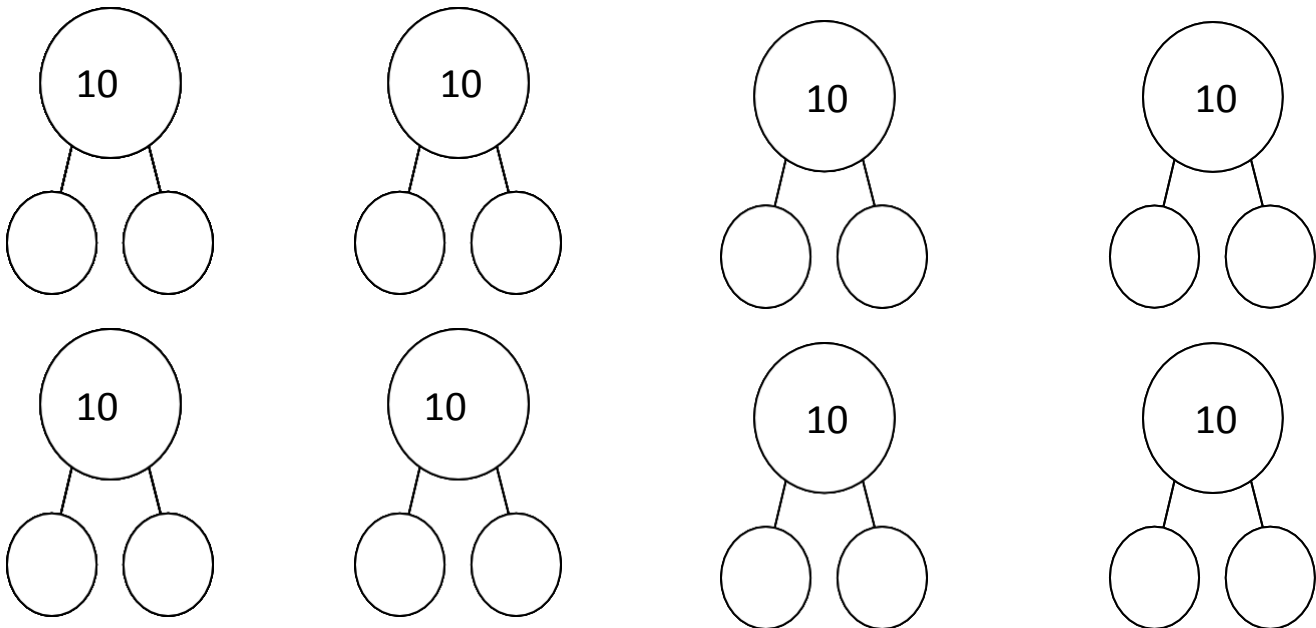
Numeracy Homework

Stage 2.1

Ask children to complete the following number bond diagrams.

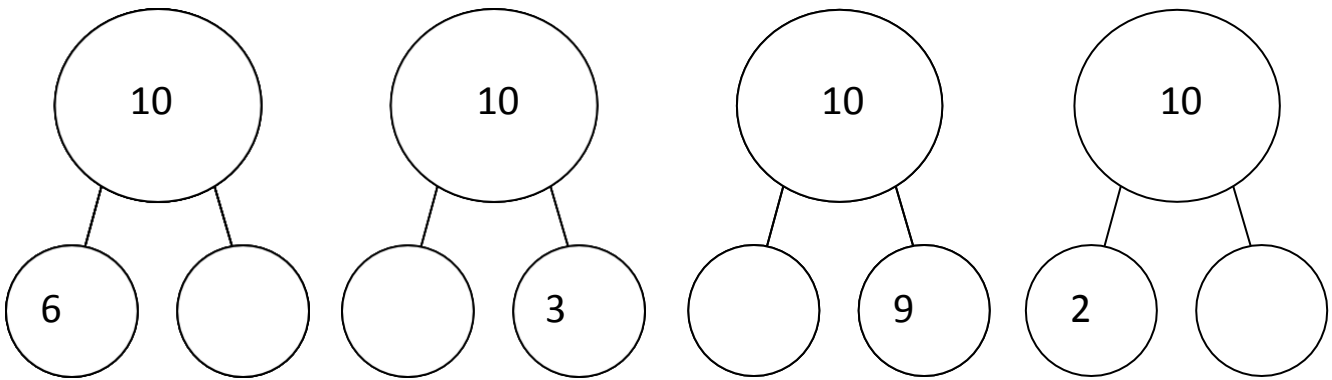


Try and write some different number bonds below:

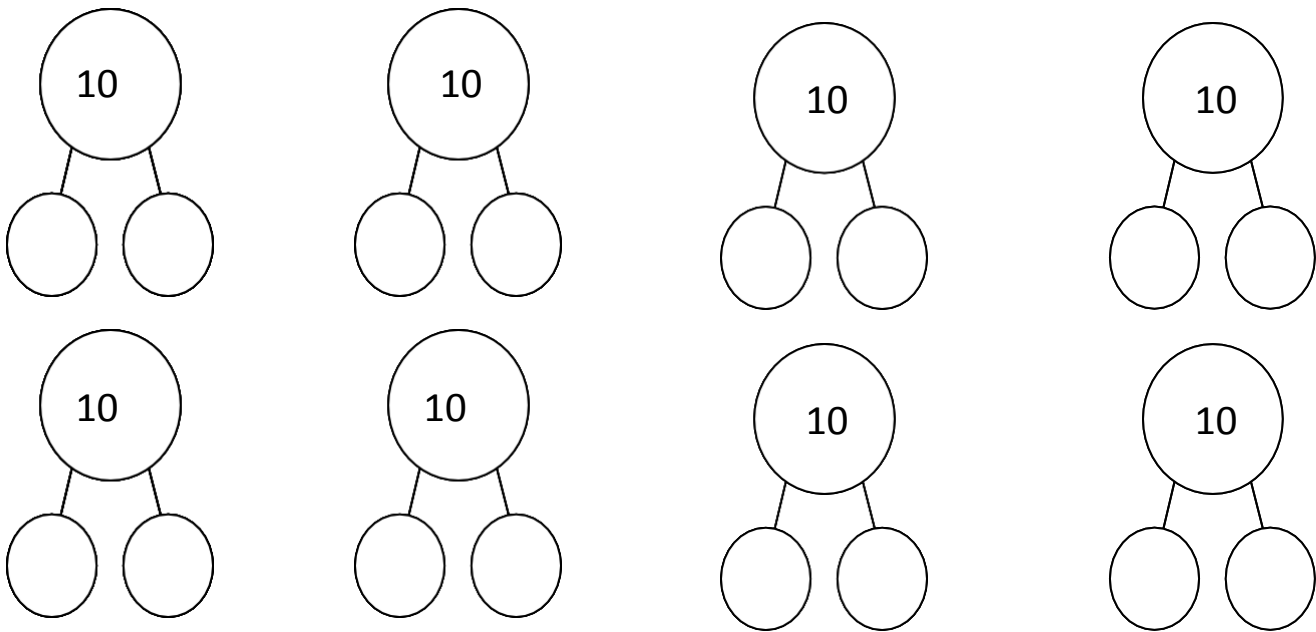


Write 4 number facts using your number bonds to 10.

Ask children to complete the following number bond diagrams.

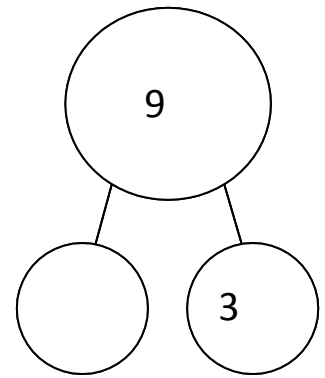
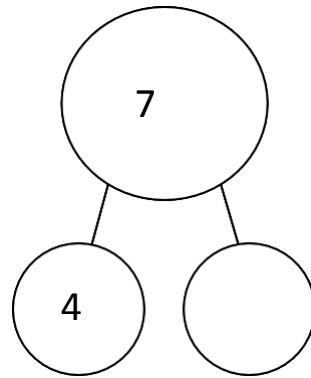
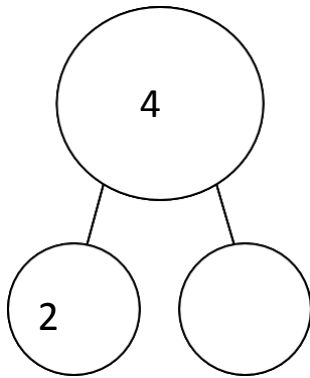
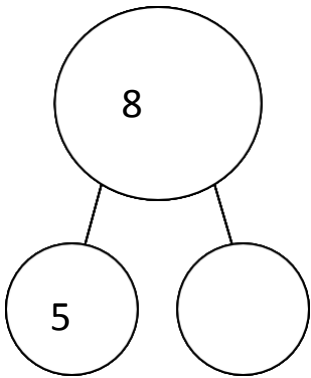


Try and write some different number bonds below:

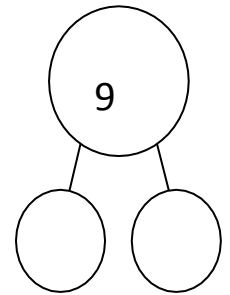
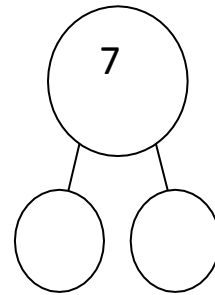
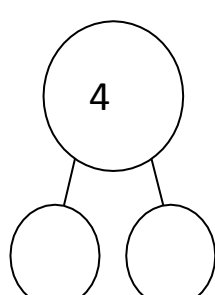
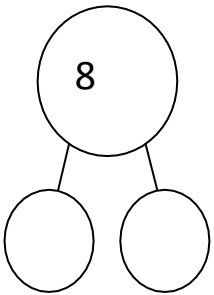
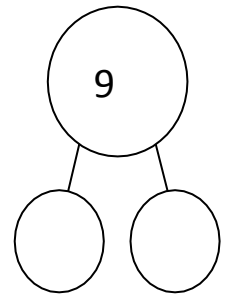
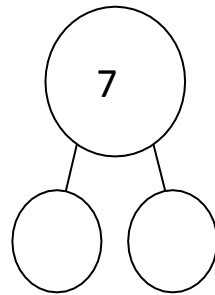
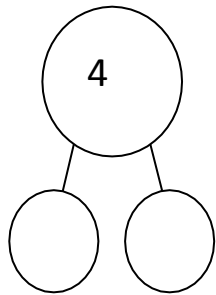
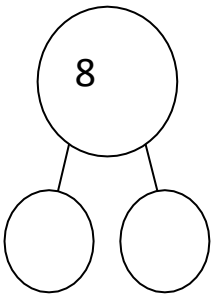


Write 4 number facts using your number bonds to 10.

Ask children to complete the following number bond diagrams.

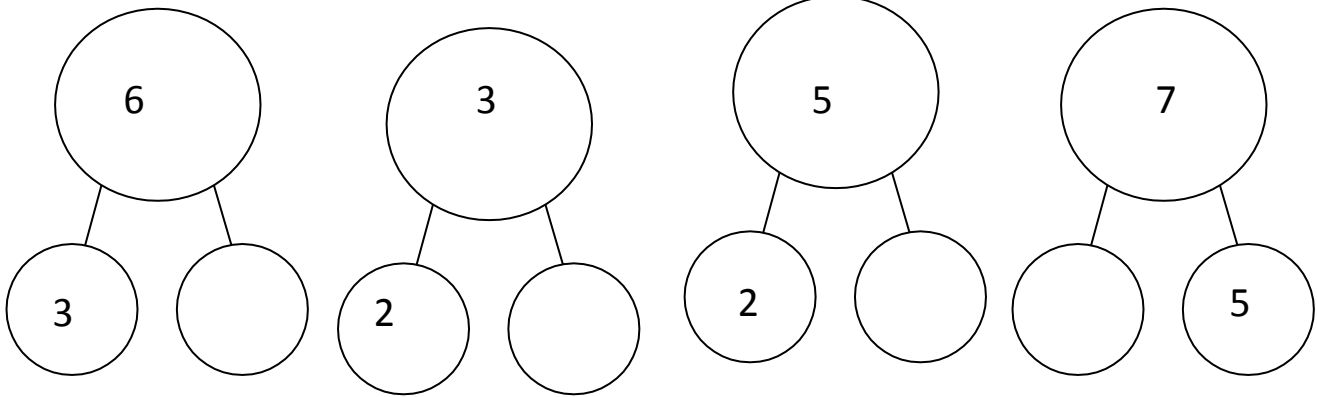


Try and write some different number bonds below:

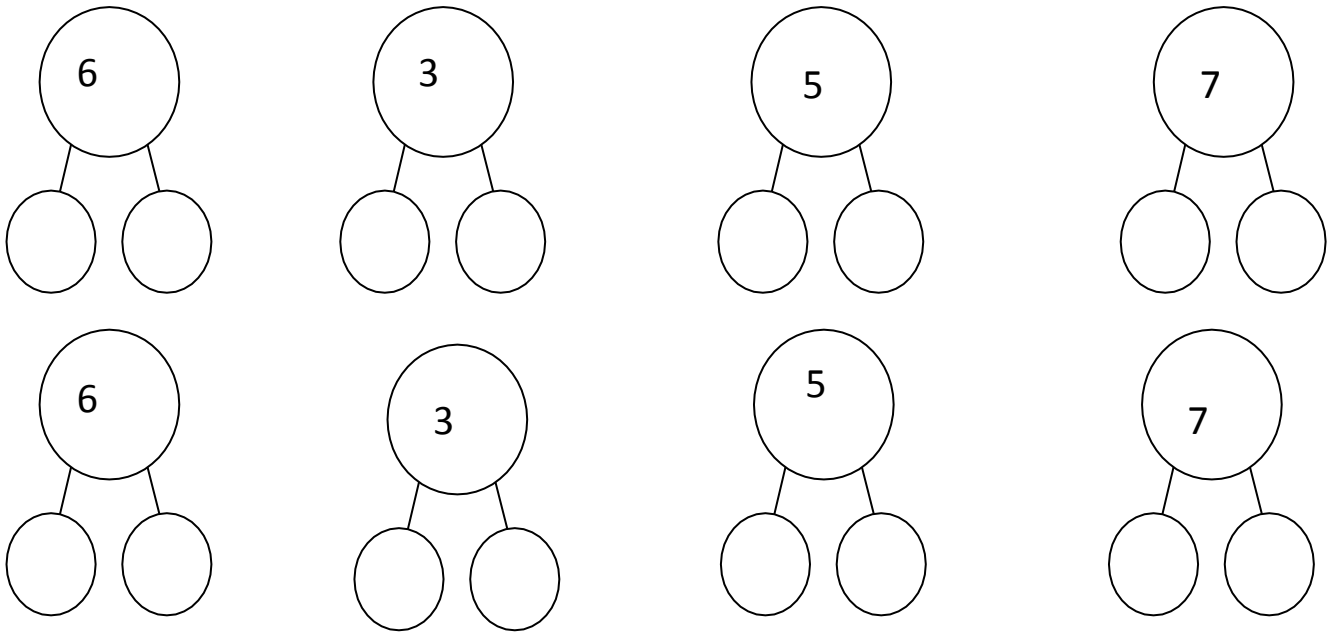


Write 4 number facts using the second number bond diagram.

Ask children to complete the following number bond diagrams.



Try and write some different number bonds below:



Write 4 number facts using the second number bond diagram.

This rhyme is used in class to help children learn to count in threes confidently. The more children practise using these methods, the easier the skill will become and will lead in to learning their multiplication facts.

## 2's

**Teacher:** Team! Team! Good as gold! Let me see your fingers roll .... the twos!

**Class:** Yeah!

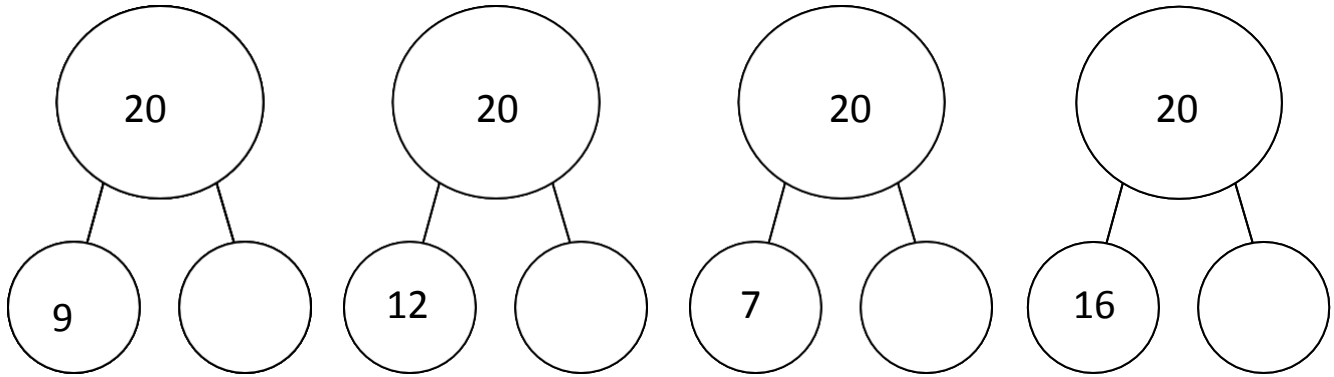
2 – 4 – 6 – 8 – 10 – 12 – 14 – 16 – 18 – 20  
and 22 – 24!

That's the way! Uh-huh! Uh-huh! I like it! Uh-huh!  
Uh-huh! (step side to side and clap hands)

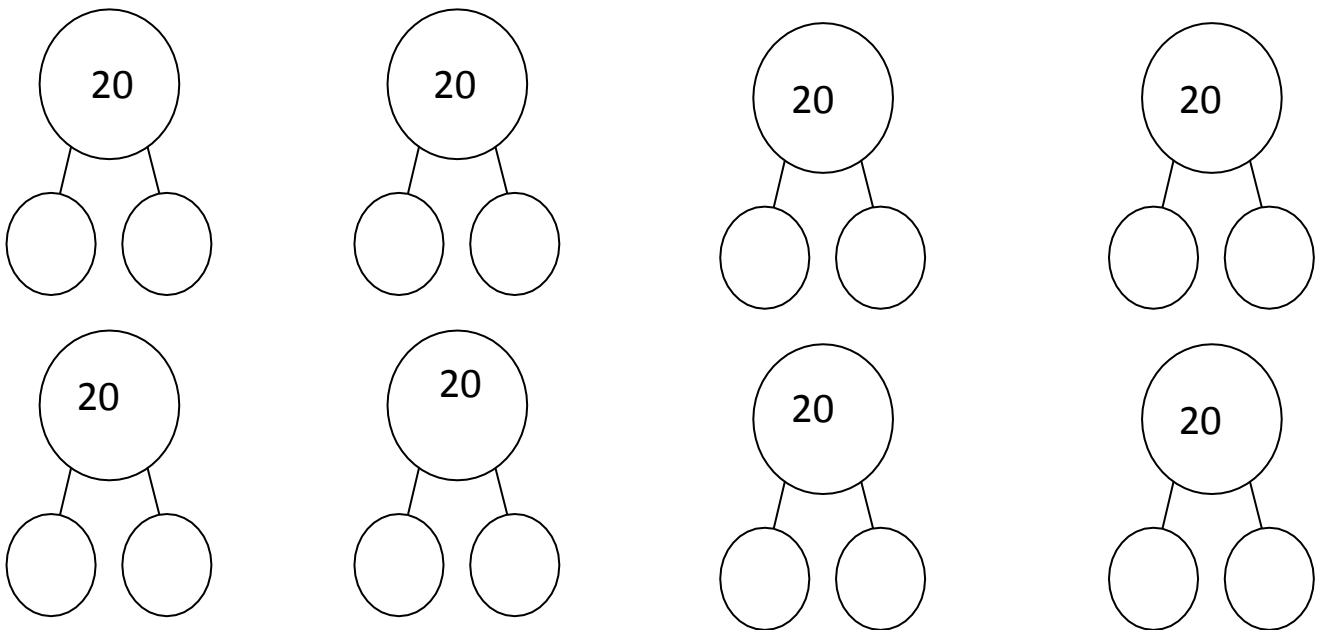
Numeracy Homework

Stage 2.1

Ask children to complete the following number bond diagrams.

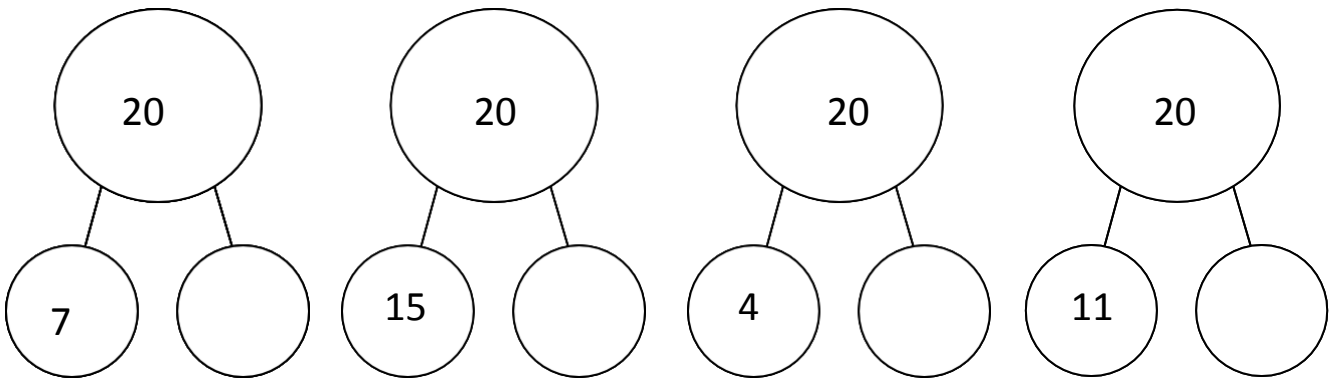


Try and write some different number bonds below:

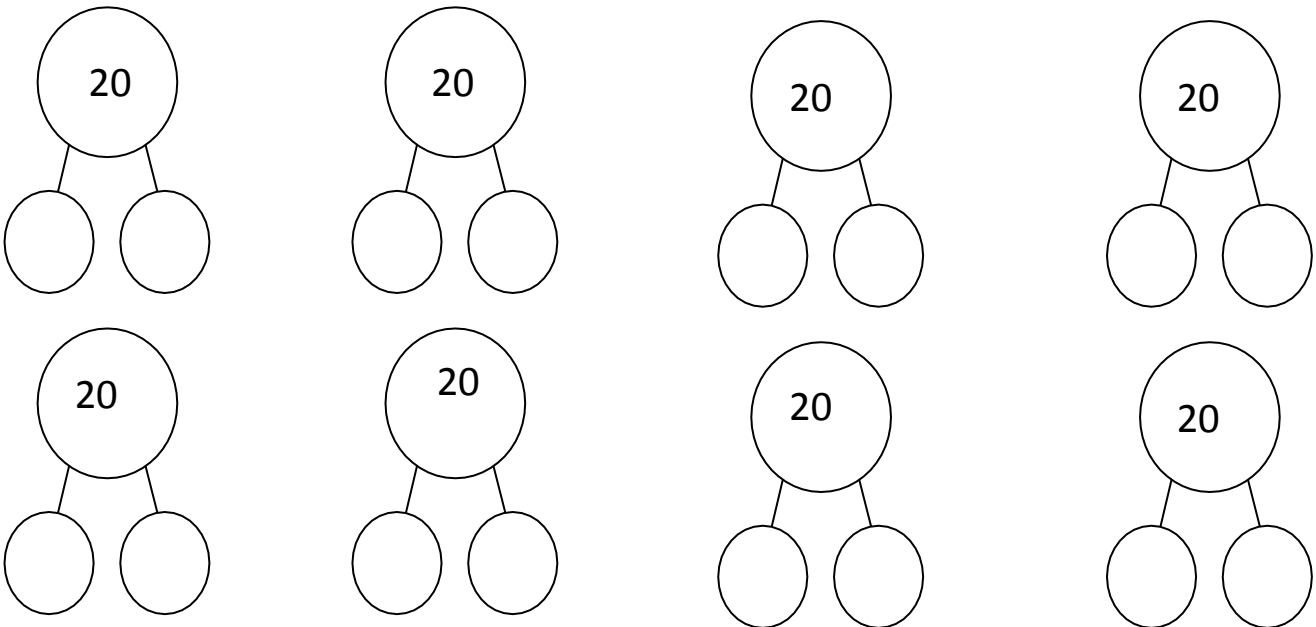


Write 4 number facts using the second number bond diagram.

Ask children to complete the following number bond diagrams.



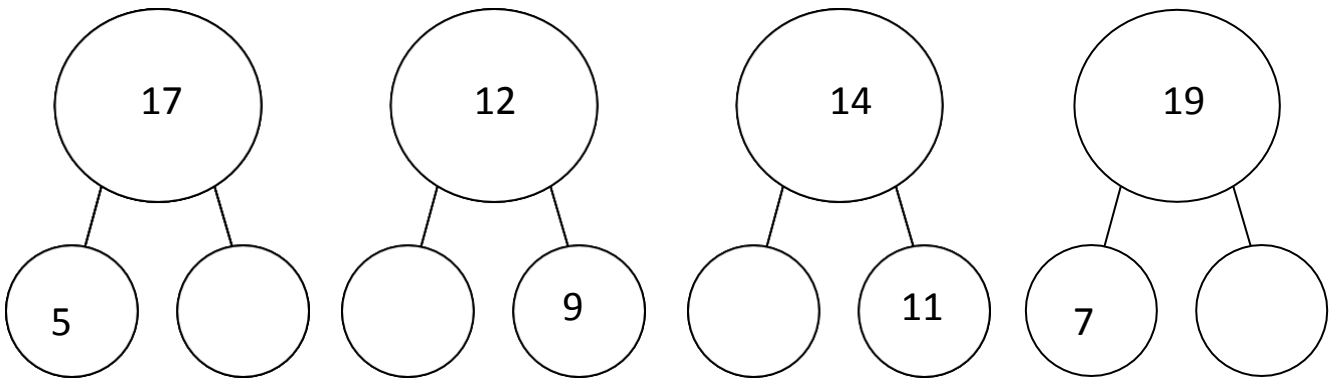
Try and write some different number bonds below:



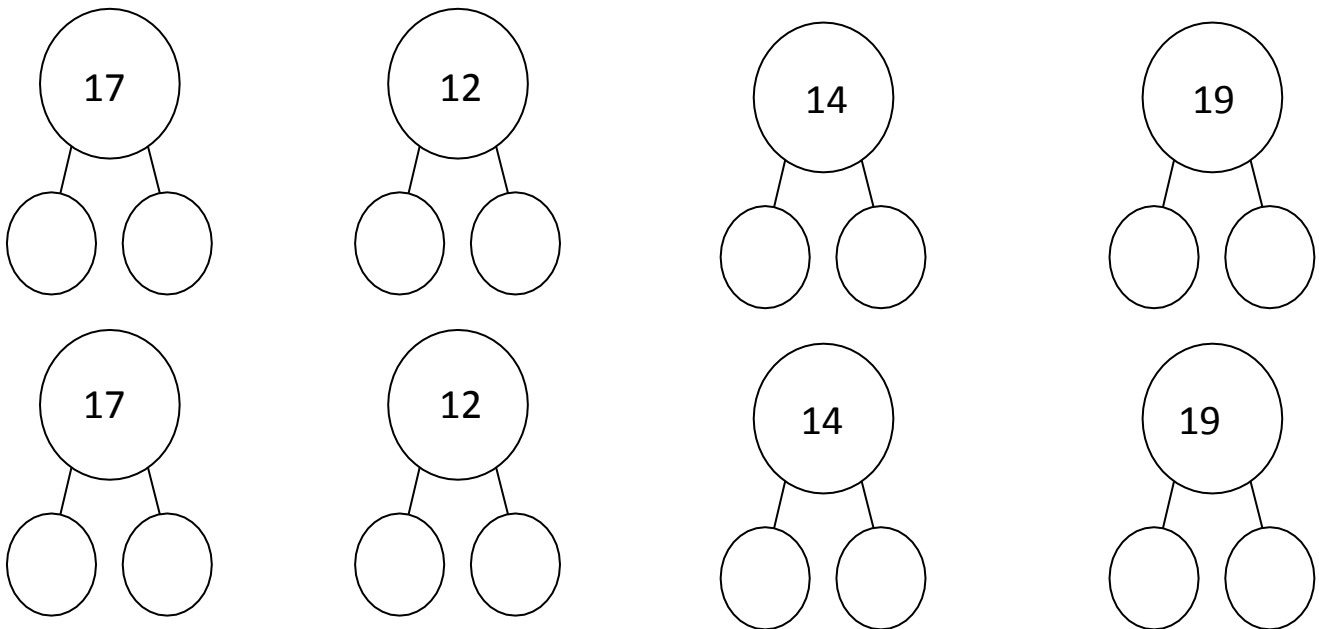
Write 4 number facts using the second number bond diagram.



Ask children to complete the following number bond diagrams.

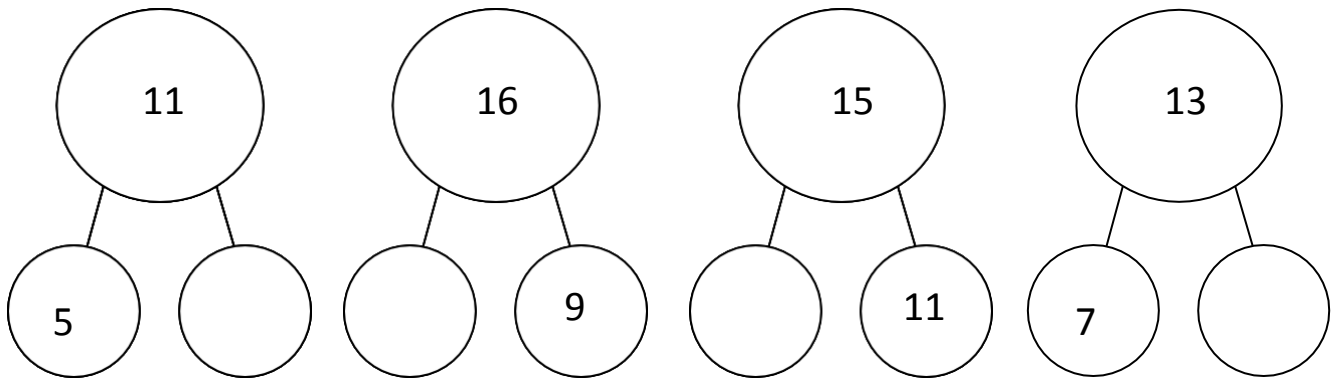


Try and write three other number bonds for these numbers:

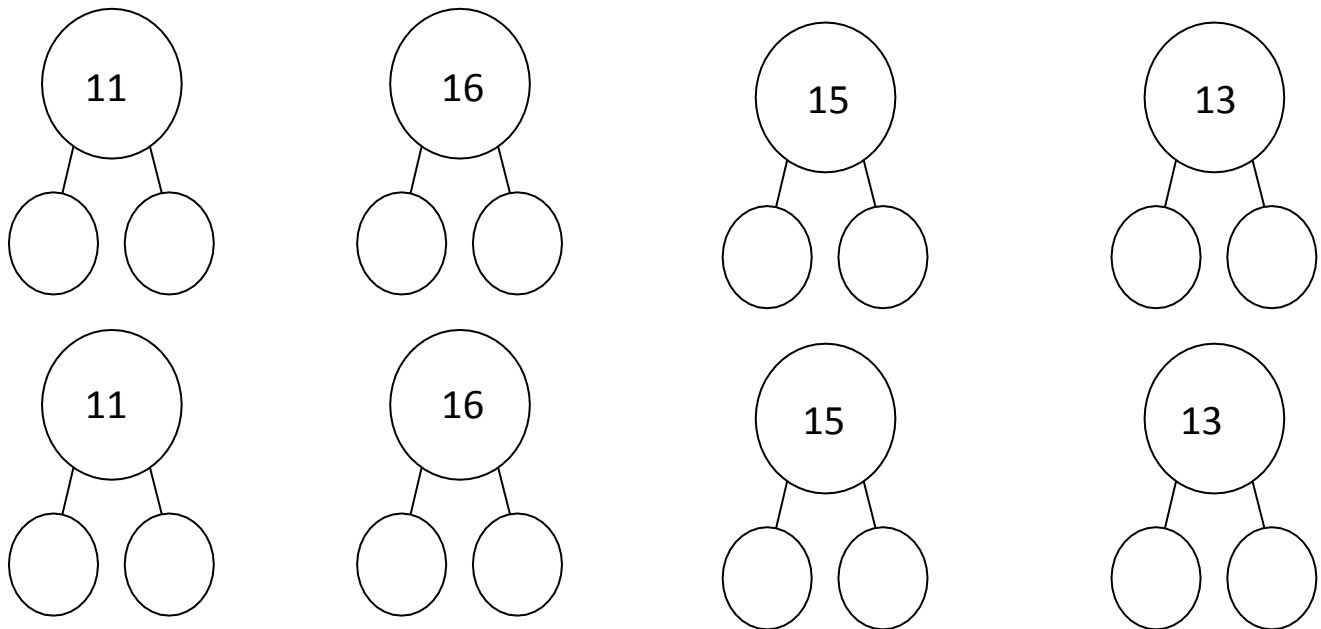


Write 4 number facts using the second number bond diagram.

Ask children to complete the following number bond diagrams.



Try and write three other number bonds for these numbers:



Write 4 number facts using the second number bond diagram.

This rhyme is used in class to help children learn to count in threes confidently. The more children practise using these methods, the easier the skill will become and will lead in to learning their multiplication facts.

# 5's

**Teacher:** Team! Team! Good as gold! Let me see  
your fingers roll .... the fives!

**Class:** Yeah!

5 – 10 – 15 – 20 – 25 – 30 – 35 – 40 – 45 – 50  
– 55 – 60

**Teacher:** (Nod)

**Class:** Whoop there it is! I say, whoop there it is!  
(put hands together and move in front of body in a circle)

Numeracy Homework

Stage 2.1

Write 4 number sentences for each of the following numbers in the table

Time \_\_\_\_\_

Date \_\_\_\_\_

	Addition		Subtraction	
	Fact 1	Fact 2	Fact 3	Fact 4
18	$11 + 7 = 18$	$18 = 7 + 11$	$18 - 7 = 11$	$7 = 18 - 11$
11				
16				
8				
19				

Write 4 number sentences for each of the following numbers in the table

Time \_\_\_\_\_

Date \_\_\_\_\_

	Addition		Subtraction	
	Fact 1	Fact 2	Fact 3	Fact 4
13				
7				
18				
4				

Write 4 number sentences for each of the following numbers in the table

Time \_\_\_\_\_

Date \_\_\_\_\_

	Addition		Subtraction	
	Fact 1	Fact 2	Fact 3	Fact 4
20				
6				
10				
9				

Write 4 number sentences for each of the following numbers in the table

Time \_\_\_\_\_

Date \_\_\_\_\_

	Addition		Subtraction	
	Fact 1	Fact 2	Fact 3	Fact 4
15				
3				
17				
11				

This rhyme is used in class to help children learn to count in threes confidently. The more children practise using these methods, the easier the skill will become and will lead in to learning their multiplication facts.

# 10's

**Teacher:** Team! Team! Good as gold! Let me see your fingers roll ...  
the tens!

**Class:** Yeah!

10 – 20 – 30 – 40 – 50 – 60 – 70 – 80 – 90 - 100

**Teacher:** And team St Peter's say!

**Class:** 110 – 120!

Numeracy Homework

Stage 2.1

Use your knowledge of number bonds to write the missing number in each number sentence.

$$\square + 15 = 20$$

$$3 + \square = 20$$

$$\square + 0 = 20$$

$$\square + 16 = 20$$

$$17 + \square = 20$$

$$20 = \square + 8$$

$$20 = 15 + \square$$

$$20 = 16 + \square$$

$$20 = \square + 1$$

$$20 = \square + 6$$

Use your knowledge of number bonds to write the missing number in each number sentence.

$$\square + 13 = 16$$

$$4 + \square = 16$$

$$5 + \square = 16$$

$$8 + \square = 16$$

$$\square + 5 = 16$$

$$16 = \square + 2$$

$$16 = 7 + \square$$

$$16 = 0 + \square$$

$$16 = \square + 15$$

$$16 = 9 + \square$$

Use your knowledge of number bonds to write the missing number in each number sentence.

$4 + \square = 11$

$1 + \square = 11$

$\square + 8 = 11$

$\square + 1 = 11$

$1 + \square = 11$

$11 = 8 + \square$

$11 = \square + 2$

$11 = \square + 9$

$11 = 11 + \square$

$11 = \square + 0$

Use your knowledge of number bonds to write the missing number in each number sentence.

$8 + \square = 15$	$\square + 9 = 14$
$\square + 5 = 12$	$8 + \square = 15$
$7 + \square = 16$	$\square + 6 = 11$
$\square + 2 = 11$	$9 + \square = 12$
$3 + \square = 10$	$\square + 5 = 14$