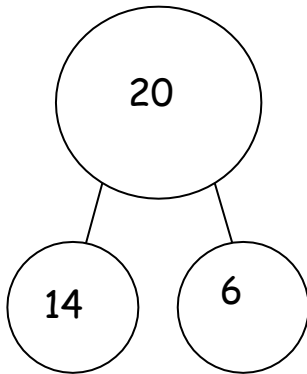




Numeracy Homework

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 1.5

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.

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

$$\square + 14 = 20$$

$$7 + \square = 20$$

$$\square + 20 = 20$$

$$\square + 13 = 20$$

$$19 + \square = 20$$

$$20 = \square + 7$$

$$20 = 4 + \square$$

$$20 = 12 + \square$$

$$20 = \square + 3$$

$$20 = \square + 9$$

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

$$\square + 13 = 17$$

$$4 + \square = 17$$

$$5 + \square = 17$$

$$8 + \square = 17$$

$$\square + 5 = 17$$

$$17 = \square + 2$$

$$17 = 7 + \square$$

$$17 = 0 + \square$$

$$17 = \square + 15$$

$$17 = 9 + \square$$

$4 + \square = 13$

$13 = 8 + \square$

$1 + \square = 13$

$13 = \square + 2$

$\square + 8 = 13$

$13 = \square + 9$

$\square + 1 = 13$

$13 = 11 + \square$

$1 + \square = 13$

$13 = \square + 0$

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

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

$$\square + 15 = 16$$

$$3 + \square = 16$$

$$\square + 0 = 16$$

$$\square + 16 = 16$$

$$12 + \square = 16$$

$$16 = \square + 8$$

$$16 = 15 + \square$$

$$16 = 16 + \square$$

$$16 = \square + 1$$

$$16 = \square + 6$$

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

$$\square + 13 = 18$$

$$4 + \square = 18$$

$$5 + \square = 18$$

$$8 + \square = 18$$

$$\square + 5 = 18$$

$$18 = \square + 2$$

$$18 = 7 + \square$$

$$18 = 0 + \square$$

$$18 = \square + 15$$

$$18 = 9 + \square$$

$4 + \square = 10$

$1 + \square = 10$

$\square + 8 = 10$

$\square + 1 = 10$

$1 + \square = 10$

$10 = 8 + \square$

$10 = \square + 2$

$10 = \square + 9$

$10 = 11 + \square$

$10 = \square + 0$

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

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

$$\square + 15 = 19$$

$$3 + \square = 19$$

$$\square + 0 = 19$$

$$\square + 16 = 19$$

$$17 + \square = 19$$

$$19 = \square + 8$$

$$19 = 15 + \square$$

$$19 = 16 + \square$$

$$19 = \square + 1$$

$$19 = \square + 6$$

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

$$\square + 13 = 15$$

$$4 + \square = 15$$

$$5 + \square = 15$$

$$8 + \square = 15$$

$$\square + 5 = 15$$

$$15 = \square + 2$$

$$15 = 7 + \square$$

$$15 = 0 + \square$$

$$15 = \square + 15$$

$$15 = 9 + \square$$

$4 + \square = 9$

$1 + \square = 9$

$\square + 8 = 9$

$\square + 1 = 9$

$1 + \square = 9$

$9 = 8 + \square$

$9 = \square + 2$

$9 = \square + 9$

$9 = 1 + \square$

$9 = \square + 0$

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

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

$$\square + 15 = 20$$

$$3 + \square = 20$$

$$\square + 0 = 20$$

$$\square + 16 = 20$$

$$17 + \square = 20$$

$$20 = \square + 8$$

$$20 = 15 + \square$$

$$20 = 16 + \square$$

$$20 = \square + 1$$

$$20 = \square + 6$$

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$$16 = \square + 2$$

$$16 = 7 + \square$$

$$16 = 0 + \square$$

$$16 = \square + 15$$

$$16 = 9 + \square$$

$4 + \square = 11$

$1 + \square = 11$

$\square + 8 = 11$

$\square + 1 = 11$

$1 + \square = 11$

$11 = 8 + \square$

$11 = \square + 2$

$11 = \square + 9$

$11 = 11 + \square$

$11 = \square + 0$

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

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$\square + 2 = 11$	$9 + \square = 12$
$3 + \square = 10$	$\square + 5 = 14$

$$\square + 15 = 20$$

$$3 + \square = 20$$

$$\square + 0 = 20$$

$$\square + 16 = 20$$

$$17 + \square = 20$$

$$20 = \square + 8$$

$$20 = 15 + \square$$

$$20 = 16 + \square$$

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$$8 + \square = 16$$

$$\square + 5 = 16$$

$$16 = \square + 2$$

$$16 = 7 + \square$$

$$16 = 0 + \square$$

$$16 = \square + 15$$

$$16 = 9 + \square$$