

USING THESE SLIDES.

Recall- 5 min activity to recall children's knowledge

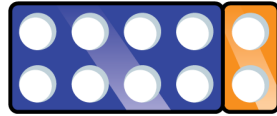
Guided practice- work through together, teaching the new skills.

Intelligent practice- 10 minute independent fluency activity.

Dive deeper- These activities should take the longest. Children should think deeper and reason their answers. E.g. This is the answer because...
They may also prove their answer using a drawing, diagram etc.

RECALL

1) How many?



2) $13 + 4 = 17$ so $4 + 13 = \underline{\quad}$

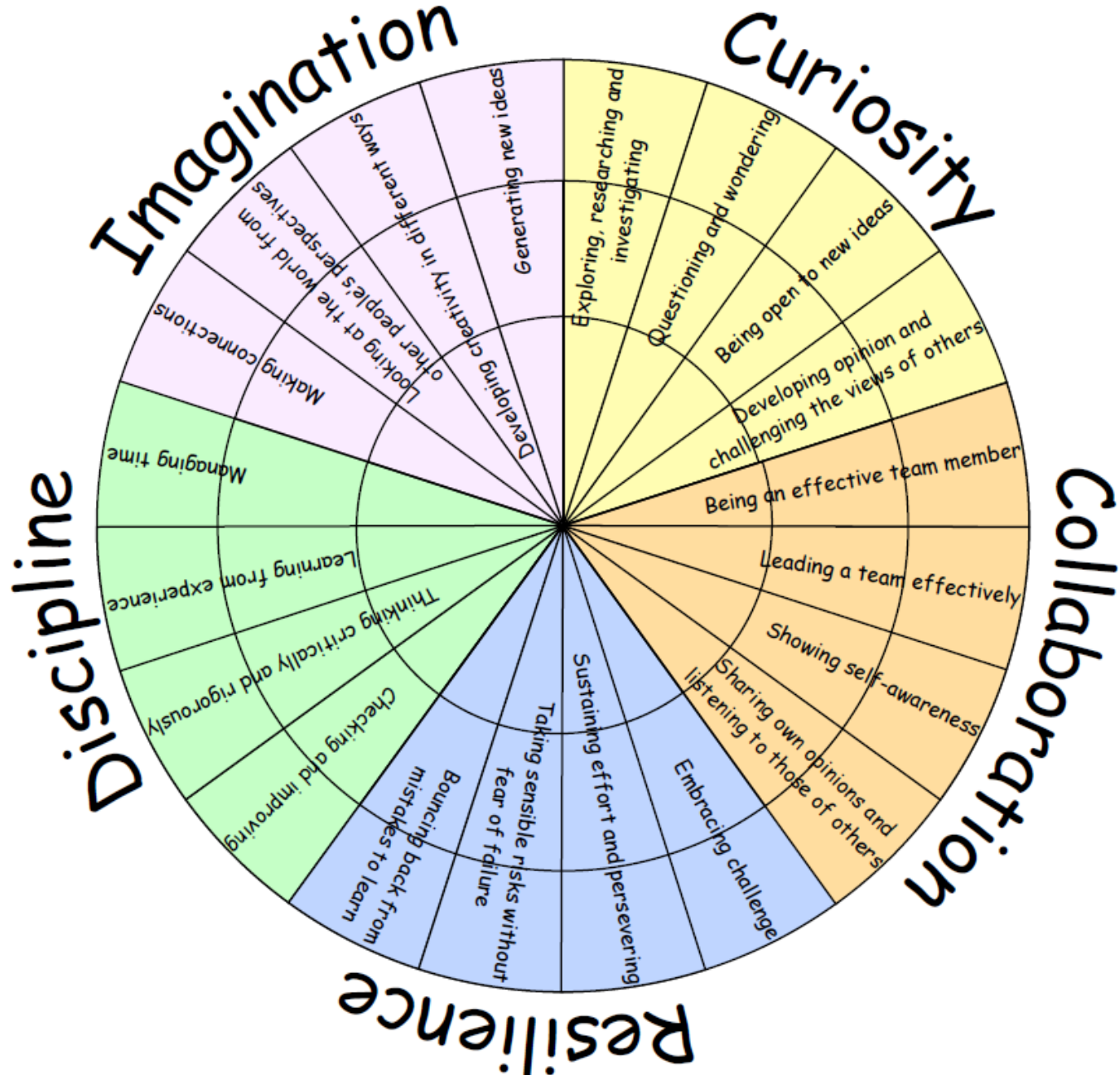
3) If $5 + 2 = 7$ then $15 + 2 = ?$

4) What number is this? thirteen

I CAN FIND NUMBER BONDS

ADDITION AND SUBTRACTION TO 20

LEARNING HABITS?



Guided Practice:

Let's start by finding our number bonds to 10.



You can use your ten frame to help you.

Guided Practice:

Number bonds to 10

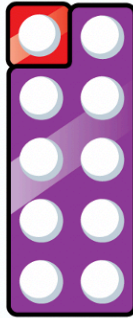
$$1 + 9 = 10$$

$$2 + 8 = 10$$

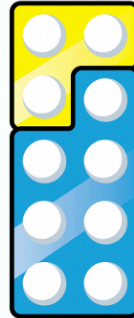
$$3 + 7 = 10$$

$$4 + 6 = 10$$

$$5 + 5 = 10$$



$$1+9$$



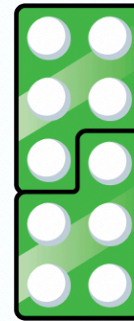
$$3+7$$



$$4+6$$



$$2+8$$



$$5+5$$

Remember addition is commutative which means it doesn't matter which order the numbers in the calculation come.

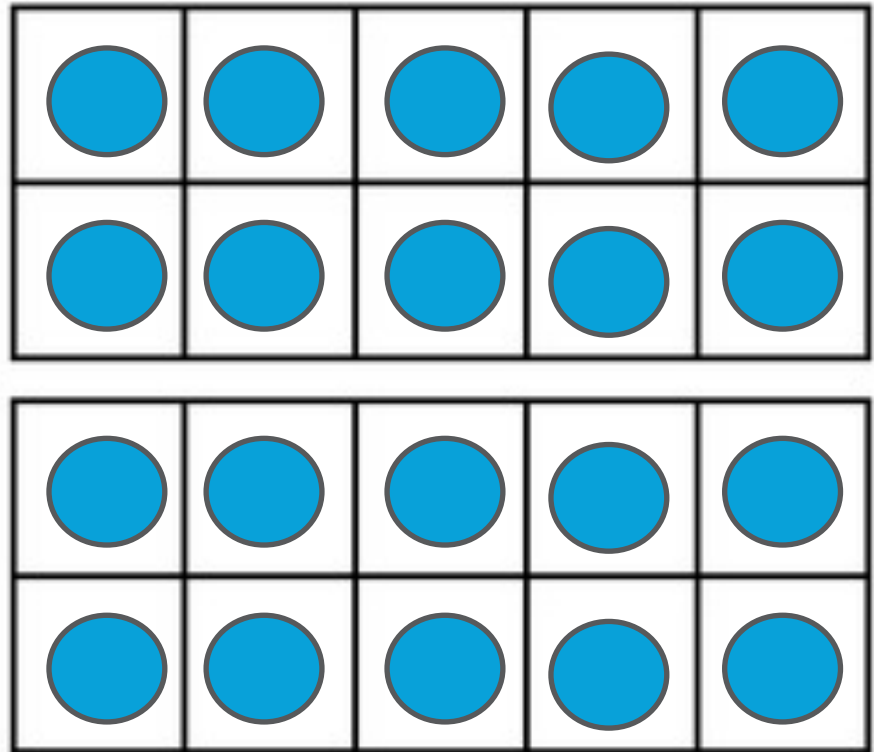
Guided Practice:

If we're finding number bonds to 20 then we need a 20 frame.

Put the counters in each box turned onto the blue side.

We have our first bond.

$$0 + 20 = 20$$



Guided Practice:

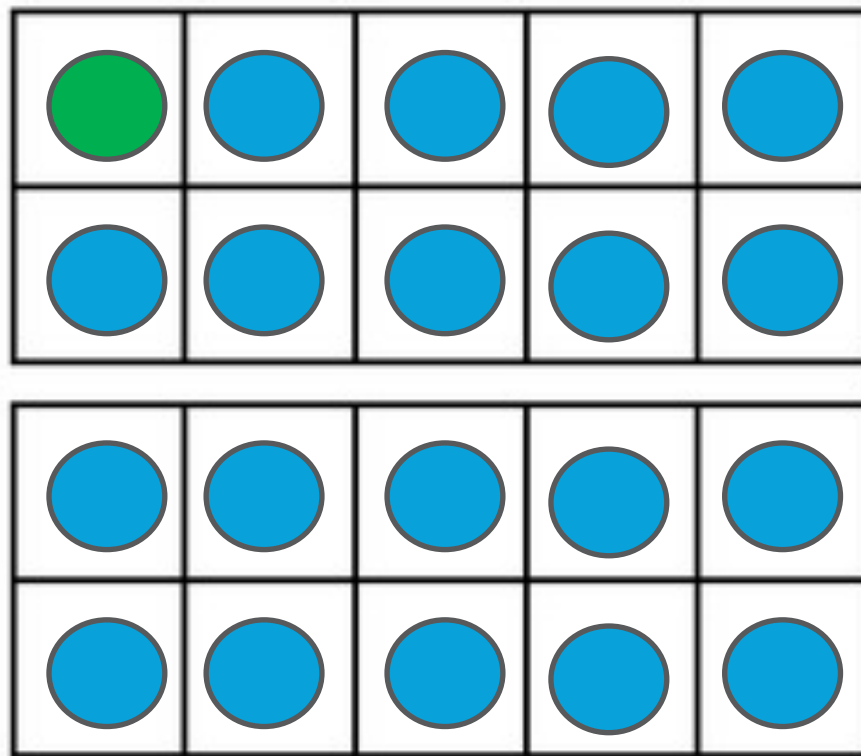
Put the counters in each box turned onto the blue side.

Now turn one over.

We have our 2nd bond.

$$0 + 20 = 20$$

$$1 + 19 = 20$$



How many can you find? Write them down in your book.

DIVE DEEPER 1:

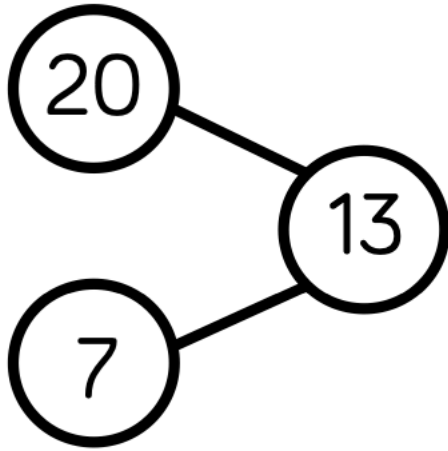
Colour all the number bonds to 20

$14 + 3$	$17 + 3$	$2 + 18$	$0 + 20$	$3 + 16$	$9 + 11$	$17 + 3$	$18 + 2$	$2 + 0$
$18 + 1$	$3 + 7$	$12 + 7$	$5 + 15$	$4 + 8$	$1 + 19$	$13 + 5$	$20 + 0$	$1 + 15$
$11 + 8$	$11 + 9$	$19 + 1$	$3 + 17$	$10 + 0$	$13 + 7$	$16 + 2$	$8 + 12$	$5 + 5$
$5 + 6$	$4 + 16$	$19 + 0$	$10 + 1$	$2 + 0$	$14 + 6$	$17 + 1$	$11 + 9$	$11 + 8$
$12 + 5$	$12 + 8$	$18 + 2$	$15 + 5$	$4 + 15$	$16 + 4$	$10 + 10$	$15 + 5$	$13 + 3$

DIVE DEEPER 2:



Jack represents a number bond to 20 in the part whole model.



Can you spot his mistake?

SELF-ASSESSMENT

L.O. To find number bonds 06.01.2021

Some will even: work systematically to find number bonds to 20.

Some will: Write number bonds as a calculation.

Most will: Use resources to find number bonds to 20.

All will: Know number bonds to 10.