

# 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

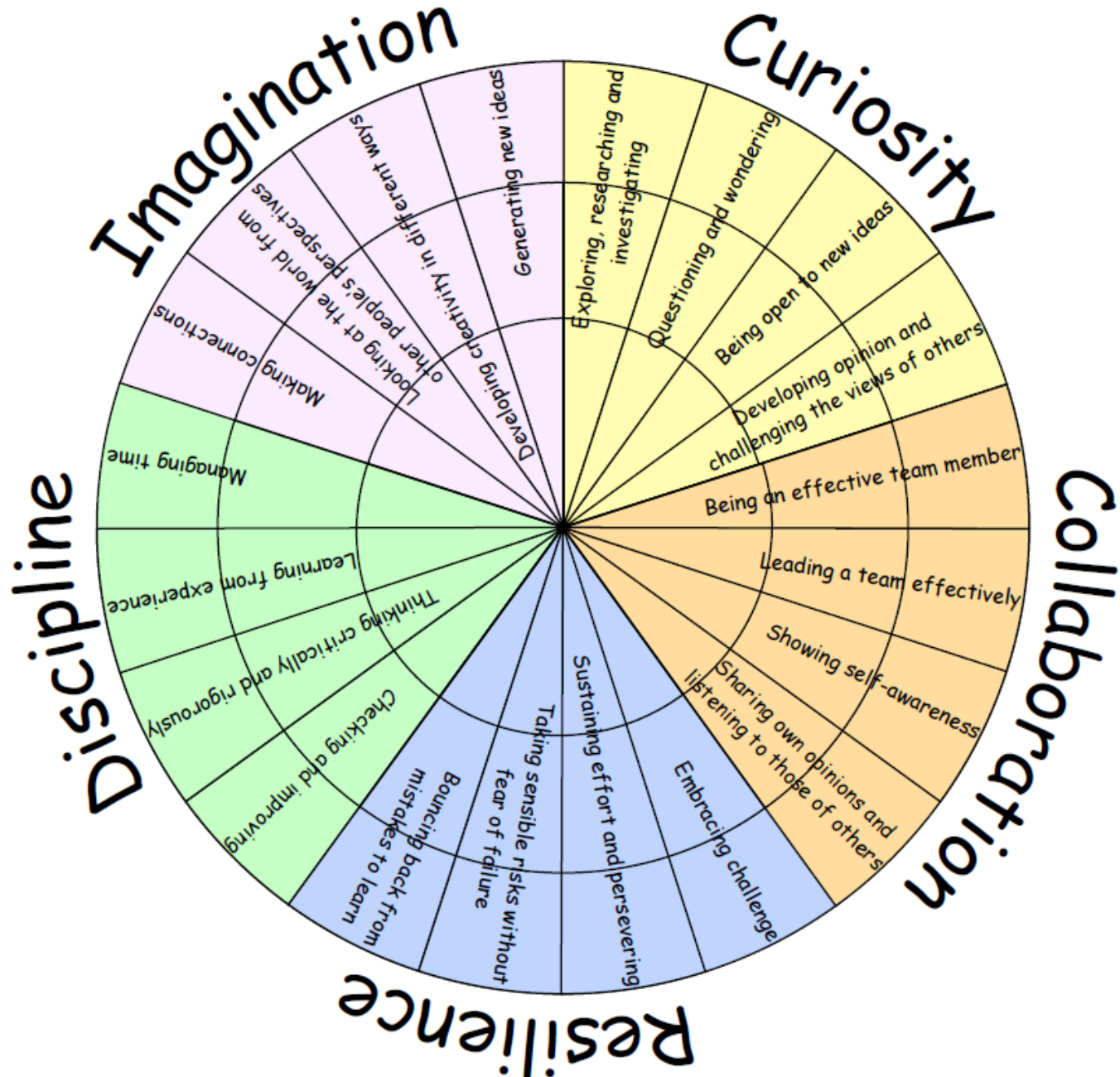
How many number bonds to 20 do you know?

Tip: Work systematically!

# I CAN FIND NUMBER BONDS

ADDITION AND SUBTRACTION TO 20

# LEARNING HABITS?



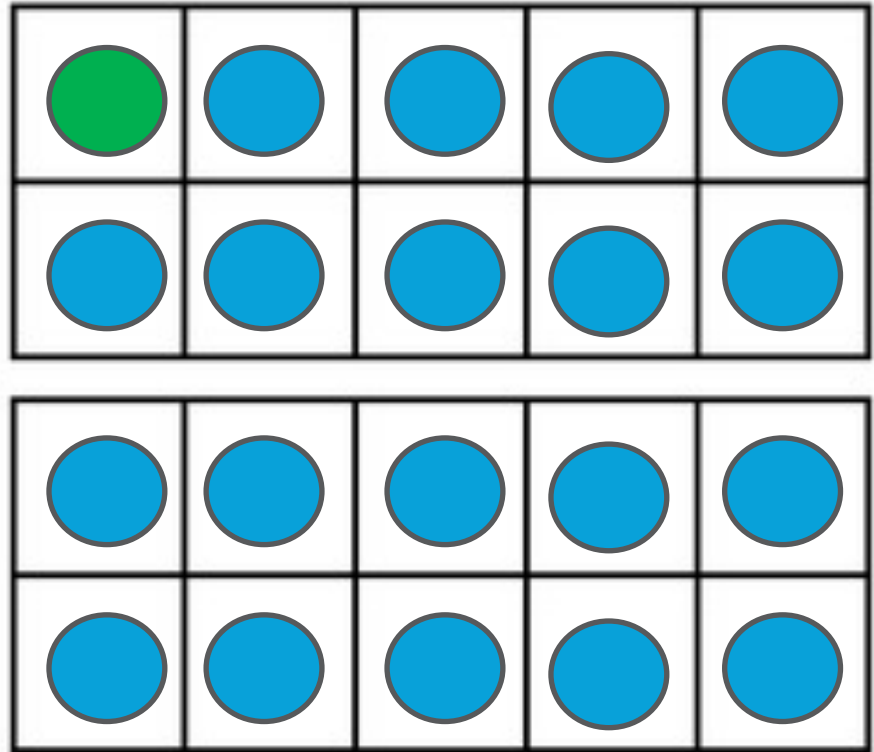
Guided Practice:

Yesterday we found number bonds using a 20 frame...

It took a long time!

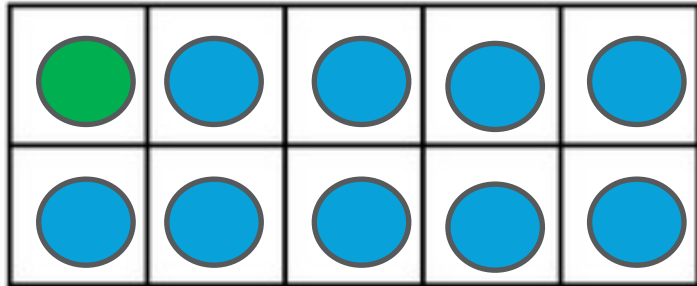
$$0 + 20 = 20$$

$$1 + 19 = 20$$

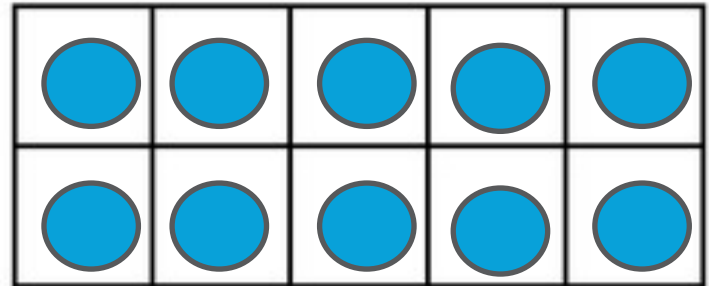
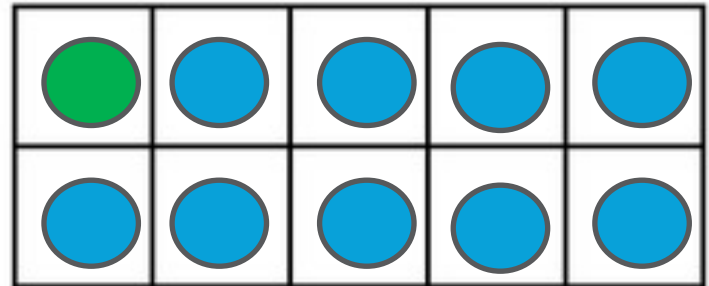


Guided Practice:

What do you notice about the number bonds?



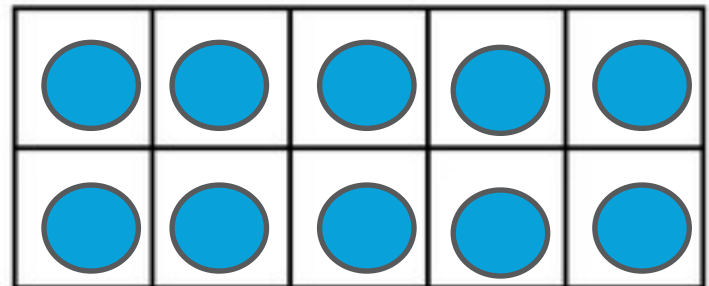
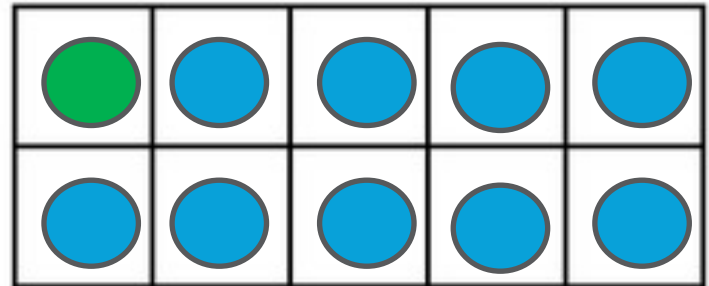
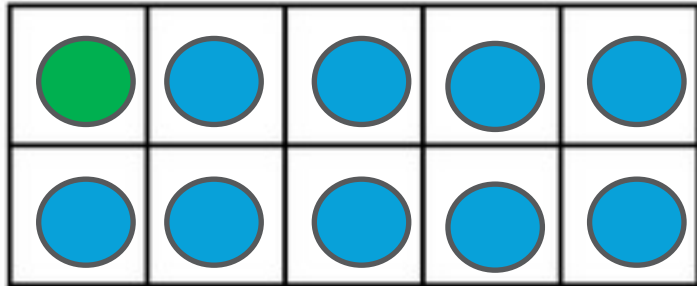
$$1 + 9 = 10$$



$$1 + 19 = 20$$

Guided Practice:

What do you notice about the number bonds?

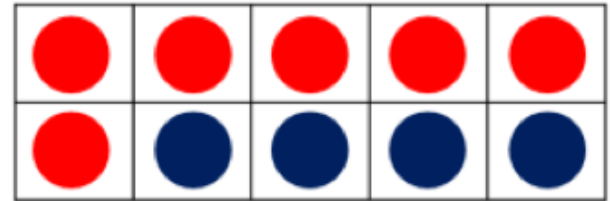
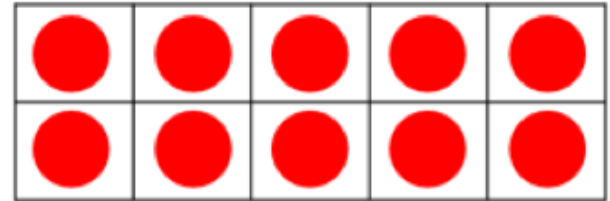
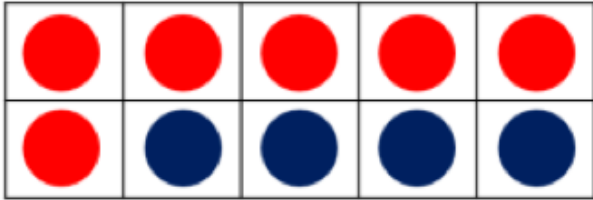


10 has 1 ten. 20 has 2 tens.

If  $1 + 9 = 10$  then  $1 + 19 = 20$  because I've added in the extra 10 needed to make 20.

Guided Practice:

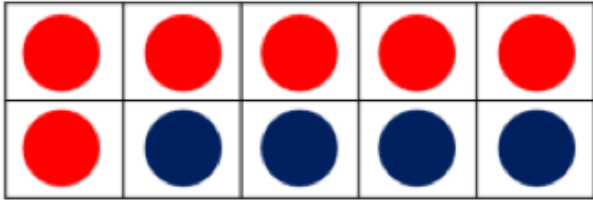
What bonds are being shown here?



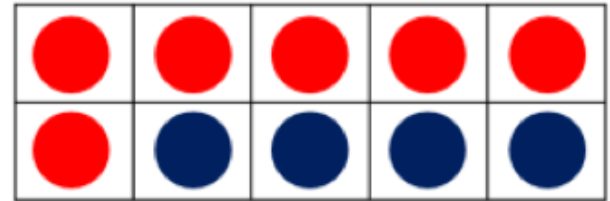
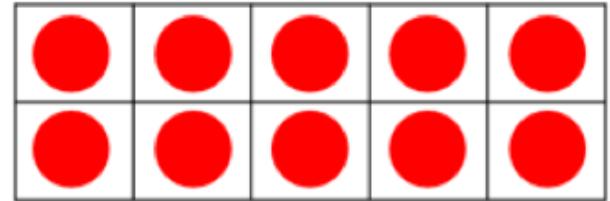


Guided Practice:

What bonds are being shown here?



$$6 + 4 = 10$$



$$16 + 4 = 20$$

Keep practicing and proving using 10 frames until ready.

# INTELLIGENT PRACTICE

Order from greatest to smallest



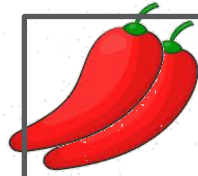
$$1 + \underline{\quad} = 10$$

$$2 + \underline{\quad} = 10$$

$$3 + \underline{\quad} = 10$$

$$4 + \underline{\quad} = 10$$

$$5 + \underline{\quad} = 10$$



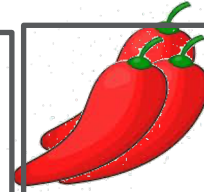
$$1 + \underline{\quad} = 20$$

$$2 + \underline{\quad} = 20$$

$$3 + \underline{\quad} = 20$$

$$4 + \underline{\quad} = 20$$

$$5 + \underline{\quad} = 20$$



$$6 + \underline{\quad} = 20$$

$$7 + \underline{\quad} = 20$$

$$8 + \underline{\quad} = 20$$

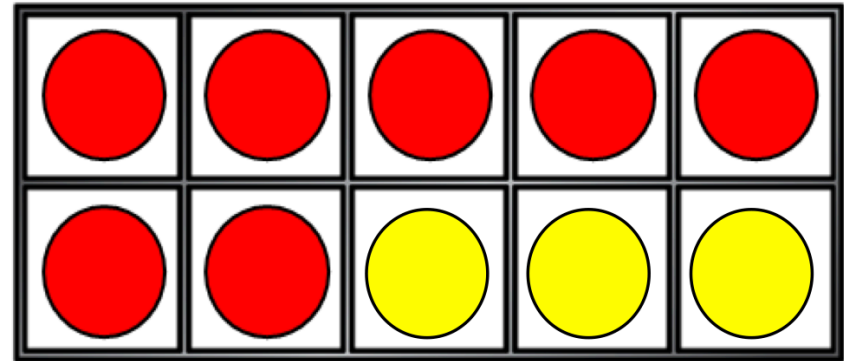
$$9 + \underline{\quad} = 20$$

# DIVE DEEPER 1: TRUE OR FALSE


$$7 + 3 = 10$$





so





$$17 + 3 = 20$$







# DIVE DEEPER 2: CHALLENGE!



 +  = 20  
 is two more than .

 +  = 20  
 is one more than .

Work out the value of each shape.

 =     =     =     =

# SELF-ASSESSMENT

L.O. To find number bonds 07.01.2021

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

Some will: Use the number bonds to 10 to find bonds to 20.

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

All will: Know number bonds to 10.