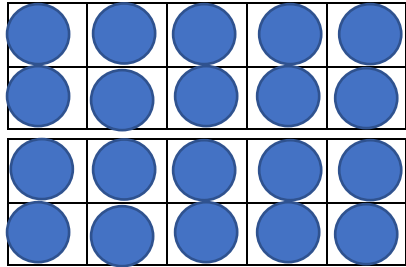
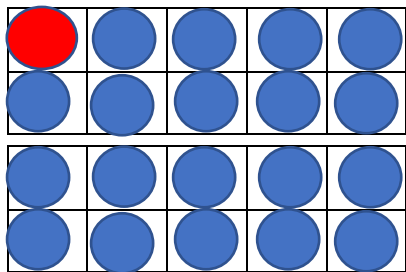


Number bonds to 20 are two numbers that make 20. Let's have a go using a tens frame.



$0 + 20 = 20$



$1 + 19 = 20$

Task 1 - Use tens frames to find the other

Bonds to 20!

	There are ___ red counters.
	There are ___ blue counters.
	Altogether there are ___ counters.
	___ + ___ = ___
	___ + ___ = ___

Task 2 - missing numbers

$1. 17 + \underline{\quad} = 20$

$3. 20 = 2 + \underline{\quad}$

$2. \underline{\quad} + 4 = 20$

$4. 20 = \underline{\quad} + 1$

Task 3 - bonds to 20 word problems

1. Lexi has 11 book. Leo has 9 books. How many do they have altogether?
2. I have 20 cars. 12 cars are blue. How many cars are red?
3. Tom has 20 sweets. 16 sweets are pink. How many are yellow?
4. The teacher asks for 20 pencils. Bob gives her 17 pencils. How many does Kim give?

Task 4 - true or false.

$14 + 8 = 20$

$19 + 1 = 20$

$15 + 6 = 20$

$13 + 7 = 20$

Finding this too easy? Have a go at these.

Use equipment to represent each of the calculations below.

What is the same?  
What is different?

$$7 + 3 = 10$$

$$17 + 3 = 20$$

$$20 = 7 + 13$$

Explain your thinking.

## True or false?

There are double the amount of numbers bonds to 20 than there are number bonds to 10

Prove it - can you use a systematic approach?