

Key learning: To add 2 digit numbers crossing tens and apply this in problem solving. 21/1/2021

Success criteria:

- I can write the equation and correctly draw the tens and ones.
- I can group 10 ones together to make 1 ten.
- I can count the tens and ones correctly.

Deepening – problem solving addition investigation missing box

Write these equations into your book and solve them.

Practise
and
consider

$$35 + 25 =$$

$$27 + 34 =$$

$$39 + 13 =$$

$$48 + 26 =$$

$$52 + 19 =$$

How many ways can you solve this equation using different digits for the tens?

Independent

$$\boxed{} \boxed{7} + \boxed{} \boxed{4} = \boxed{6} \boxed{1}$$

Can you correct the mistakes?

$$23 + 19 = 37$$

$$45 + 47 = 87$$

$$56 + 35 = 91$$

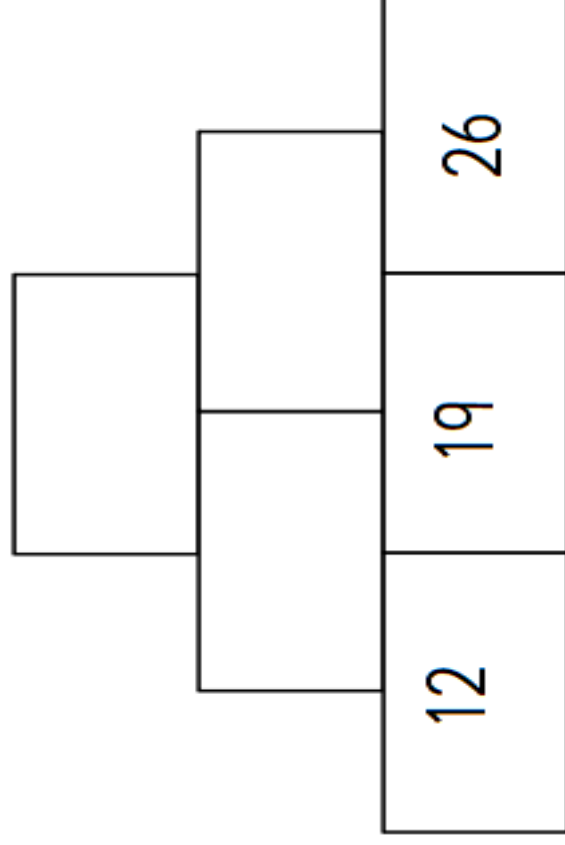
$$77 + 14 = 81$$

$$32 + 68 = 100$$



Independent

Complete the addition pyramid by adding the two blocks next to each other together.



What digits could go in the blue boxes?

How many ways can you do it?

$$\square 9 + \square 5 = 84$$

Dobcroft Infant School are counting their Golden Moments.



Going Deeper

Foxes – 18

Hedgehogs - 14

Squirrels – 25

Eagles – 34

Woodpeckers - 36

Kingfishers – 49

Work out the answers by writing the correct equation and showing your method.

$$\text{Foxes} + \text{Eagles} = \square$$

$$\text{Year 1} + \text{Year 2} = \square$$

$$\text{Squirrels} + \text{Kingfishers} = \square$$

$$\text{Year 1} + \text{Eagles} = \square$$

$$\text{Hedgehogs} + \text{Woodpeckers} = \square$$

$$\text{Year 2} + \text{Foxes} = \square$$

Year 2 go on a trip to The Deep.

Going Deeper

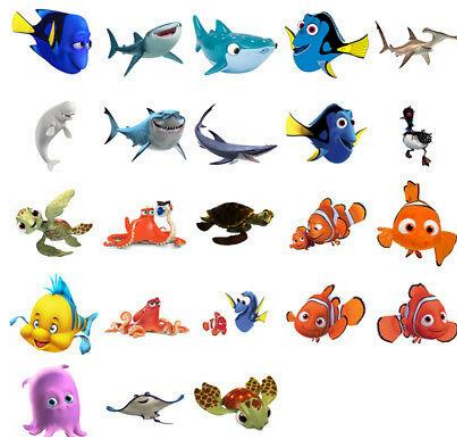
There are octopuses with 8 legs, shrimp with 10 legs, starfish with 5 legs and penguins with 2 legs.

Miss Hughes says "I can see 43 legs altogether."

Which animals did she see?

Miss Tinker says "I can see 70 legs."

Which animals did she see?



Can you find another way of making 70 legs?