Canonbury Home Learning

Year 2/3 Maths

Steppingstone activity

Lesson 4 – 16.07.2020

LO: Problem Solving

Success Criteria:

1.	Look at the four numbers: 1, 4, 2, and 8
2.	See how many different calculations you can come up with and solve
3.	Did you have a system e.g. start by adding each of the numbers to 1, then to 4 etc…?

Pick a pair

Choose from these numbers.

1   4   2   8

1. Pick a pair of numbers.
    Add them together.
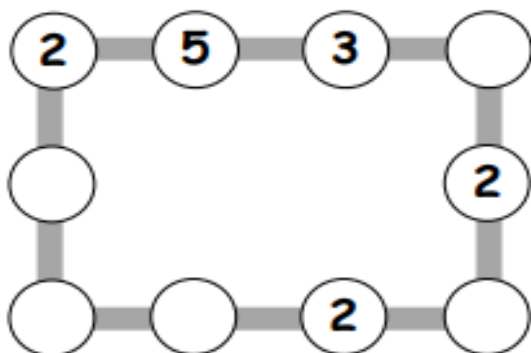   Write the numbers and the answer.

    Pick a different pair of numbers.
    Write the numbers and the answer.

    Keep doing it.
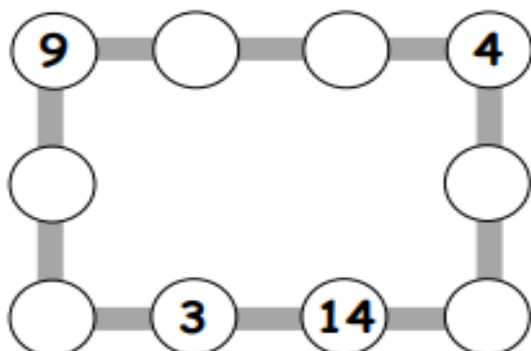   How many different answers can you get?

1. Begin with Task 1 – try to use a systematic method (using a pattern to make sure you get all the possible answers)
2. Then have a go at Task 2 – use a systematic method to find the weight of each cat

Number lines

1. Make each line add up to 16.

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( 2 )—( 5 )—( 3 )—(   )
                      |
(   )              ( 2 )
                      |
(   )—(   )—( 2 )—(   )
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2. Make each line add up to 20.

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( 9 )—(   )—(   )—( 4 )
                      |
(   )              (   )
                      |
(   )—( 3 )—( 14 )—(   )
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3. Make up your own puzzle like this.

Kieron's cats

Kieron has three cats.
Each is a different weight.

The first and second weigh 7 kg altogether.
The second and third weigh 8 kg altogether.
The first and third weigh 11 kg altogether.

What is the weight of each cat?