West Byfleet Junior School

Problem of the Week Solutions - Week 7

2 Points

Eva has 96 sweets.

She shares them into equal groups.

She has no sweets left over.

How many groups could Eva have shared her sweets into?

Could have 1 group of 96 / 96 groups of 1

Could have 2 groups of 48/ 48 groups of 2

Could have 3 groups of 32/ 32 groups of 3

Could have 4 groups of 24/ 24 groups of 4

Could have 6 groups of 16/ 16 groups of 6

Could have 8 groups of 12/ 12 groups of 8

3 Points

Jack has £2 and 90 p.

Teddy has three times as much money as Jack.

How much more money does Teddy have than Jack?

Rosie has twice as much money as Teddy.

How much more money does Rosie have than Jack?
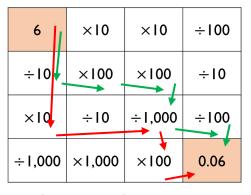
Jack = £2.90

Teddy = £2.90 x 3 = £8.70

Teddy has £5.80 more than Jack

Rosie = £8.70 x 2 = £17.40

Rosie has £14.50 more than Jack

5 Points

Can you find a path from 6 to 0.06?
You cannot make diagonal moves.

Is there more than one way?

Yes, there is more than one way.

Two example different ways shown