

Reasoning

Jack has £2 and 90p.

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?

Three children are calculating £4 and 20p subtract £1 and 50p.

$$£4 - £1 = £2$$

$$20p - 50p = 30p$$

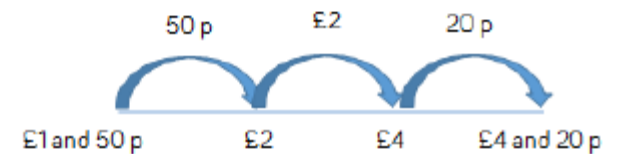
$$£1 + 30p = £1 \text{ and } 30p$$



Annie



Teddy



The difference is £2 and 70p.

$$£4 \text{ and } 20p - £2 = £2 \text{ and } 20p$$

$$£2 \text{ and } 20p + 50p = £2 \text{ and } 70p$$



Eva

Who is correct? Who is incorrect?
Which method do you prefer?

Answers

Jack has £2 and 90p.
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 & 90p
Teddy: £8 & 70p
Rosie: £17 & 40p

Teddy has £5 and 80p more than Jack.

Rosie has £14 and 50p more than Jack.

Use coins to support children in calculating.

Three children are calculating £4 and 20p subtract £1 and 50p.

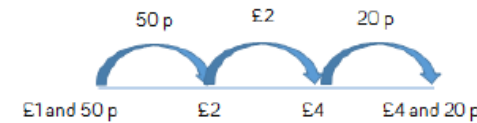
$$\begin{aligned} \text{£}4 - \text{£}1 &= \text{£}2 \\ 20\text{p} - 50\text{p} &= 30\text{p} \\ \text{£}1 + 30\text{p} &= \text{£}1 \text{ and } 30\text{p} \end{aligned}$$



Annie



Teddy



The difference is £2 and 70p.

$$\begin{aligned} \text{£}4 \text{ and } 20\text{p} - \text{£}2 &= \text{£}2 \text{ and } 20\text{p} \\ \text{£}2 \text{ and } 20\text{p} + 50\text{p} &= \text{£}2 \text{ and } 70\text{p} \end{aligned}$$



Eva

Who is correct? Who is incorrect?
Which method do you prefer?

Annie's second step of calculation is incorrect. Teddy and Eva both got the correct answer using different methods. Children may choose which method they prefer or discuss pros and cons of each.