

# Challenge



1) Work out how much money each child has left. You may need to exchange pounds for pence to help you.

a) Charlie has £7 and 60 pence.



She spends £1 and 30p on a postcard.

$$£7 - £1 = £\underline{\quad\quad\quad} \quad 60p - 30p = \underline{\quad\quad\quad}p$$

Charlie has £         and         p left.

b) Holly has £5 and 20 pence.



She spends £2 and 80p on a postcard.

$$£4 - £2 = £\underline{\quad\quad\quad} \quad 120p - 80p = \underline{\quad\quad\quad}p$$

Holly has £         and         p left.


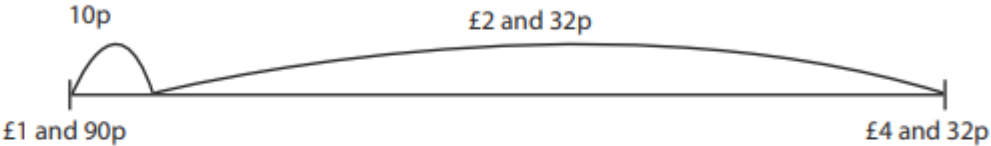


c) William has £8 and 12p. He spends £3 and 70p.

$$£\underline{\quad\quad\quad} - £\underline{\quad\quad\quad} = £\underline{\quad\quad\quad} \quad \underline{\quad\quad\quad}p - \underline{\quad\quad\quad}p = \underline{\quad\quad\quad}p$$

William has £         and         p left.

2) Madeline, Grace and Jack are trying to find the difference between £4 and 32p and £1 and 90p.

Who has got the correct answer? Who is incorrect?

<p>Madeline</p>  <p>I used a number line.</p>	
<p>Grace</p> 	$£4 - £1 = £3$ $90p - 32p = 58p$ <p>The answer is £3 and 58p</p>
<p>Jack</p> 	$£4 \text{ and } 32p - £2 = £2 \text{ and } 32p$ $£2 \text{ and } 32p + 10p = £2 \text{ and } 42p$

# Challenge answers

1) a)  $£7 - £1 = £6$        $60p - 30p = 30p$

Charlie has **£6** and **30p** left.

b)  $£4 - £2 = £2$        $120p - 80p = 30p$

Holly has **£2** and **40p** left.

c)  $£7 - £3 = £4$        $112p - 70p = 42p$

William has **£4** and **42p** left.

2) *Jack's method and answer are correct.*



*Madeline's method is correct but she needs to add the amounts jumped to find the answer.*

*Grace's method is not correct. She has not calculated the pence part of the calculation correctly. She should have written:*

**$£3 - £1 = £2$**

**$132p - 90p = 42p$**

***The answer is £2 and 42 pence.***