

Negative Numbers

PS Problem-solving questions

Challenge 1

-6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6

- 1 Use the number line.
 - a) Start at 3, count back 5, write the number you reach. _____
 - b) Start at 2, count back 6, write the number you reach. _____
 - c) Start at 5, count back 7, write the number you reach. _____
 - d) Start at 4, count back 9, write the number you reach. _____

- 2 Calculate by counting backwards:

a) $4 - 6 =$ _____ b) $3 - 7 =$ _____ c) $5 - 6 =$ _____

PS

- 3 Jake wants to buy a t-shirt for £7. He has £3.
He borrows the rest from his dad.
How much does Jake owe his dad? _____



- 4 Start at -2, count back 3, write the number you reach. _____

4 marks

3 marks

1 mark

1 mark

Marks..... /9

Challenge 2

- 1
 - a) Start at 4, count back 8, write the number you reach. _____
 - b) Start at 2, count back 9, write the number you reach. _____
 - c) Start at 10, count back 12, write the number you reach. _____
 - d) Start at 1, count back 10, write the number you reach. _____

- 2 Calculate by counting backwards:

a) $2 - 7 =$ _____ b) $12 - 17 =$ _____ c) $15 - 16 =$ _____

- 3 Calculate by counting backwards:

a) $-2 - 7 =$ _____ b) $-5 - 12 =$ _____ c) $-10 - 8 =$ _____

4 marks

3 marks

3 marks