S1

CFE Level 3

Working at Home Workbook
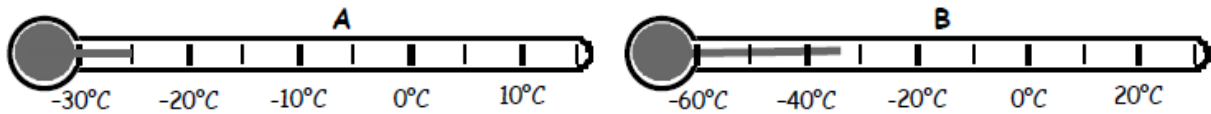
Integers

Learning Intention. To be able to -
Work with positive & negative numbers and 0 in the real world
Add & subtract positive and negative numbers
Recognise and use the double negative method
x and ÷ positive and negative numbers

Work with positive & negative numbers and 0 in the real world

Questions 1

1. What temperature is represented on these thermometers?

2. The temperature one day rose from -15°C to 12°C. By how much had it risen?

3. When a freezer was switched on, its temperature dropped by 25°C. If its temperature began at 7°C, what was the final temperature?

3. Last week my bank balance stood at -£40.00. I withdrew a further £20. What will my balance be now?

4. I had £30 in my bank account and wrote a cheque for £50. What was my new balance?

Add & subtract positive and negative numbers

Questions 2

a)	3 + (-7)	b)	(-2) + 8	c)	(-6) + (-4)
d)	-11 + 9	e)	-9 + 1	f)	0 – 14
g)	(-5) - 3	h)	(-18) - 12	i)	(-6) +(-3)

Recognise and use the double negative method

Questions 3

a)	3 – (-3)	b)	0 – (-7)	c)	5 – (-5)
d)	-3 – (-4)	e)	-1 – (-1)	f)	-2 – (-8)
g)	-10 – (-2)	h)	10 – (-3)	i)	30 – (-30)

x and ÷ positive and negative numbers

Questions 4

a)	4 x (-2)	b)	5 x (-10)	c)	3 x (-8)
d)	(-4) x 7	e)	(-9) x 7	f)	(-3) x 0
g)	10 x (-10)	h)	(-1) x (-6)	i)	(-7) x (-9)
j)	30 ÷ (-5)	k)	28 ÷ (-4	l)	(-55) ÷ 11
m)	(-36) ÷ 9	n)	(-54) ÷ (-9)	o)	(-48) ÷ (-6)