

# Year 7 Class 4 questions

## Q1

Write the directed number describing the change from  $-5^{\circ}\text{C}$  to  $-1^{\circ}\text{C}$ .

4

## Q2

Write the directed number describing the change from the 18th floor to the 2nd floor of a building.

-16

## Q3

Complete the following to make this statement true.

4  -5  
4 is greater than -5

is less than is greater than

## Q4

Complete the following to make this statement true.

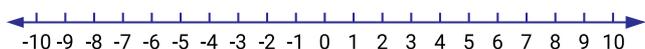
-4  -1  
-4 is less than -1

is less than is greater than

## Q5

Use the number line to help answer.

$-2 + 10 =$   8



## Q6

Write all the factors of 24.

1, 2, 3, 4, 6, 8, 12, 24

## Q7

Write the directed number describing the change from  $0^{\circ}\text{C}$  to  $-56^{\circ}\text{C}$ .

-56

## Q8

Write the directed number describing the change from 20 metres below sea level to 10 metres above sea level.

30

## Q9

Write the directed number describing the change from 20 metres below sea level to 30 metres below sea level.

-10

## Q10

Place the numbers in ascending order.

-7      -5      6      8  
6      -5      8      -7

## Q11

Place the numbers in ascending order.

-45      -33      -27      32  
-27      -33      -45      32

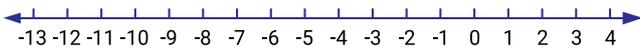
**Q12**

Place the numbers in ascending order.

**Q13**

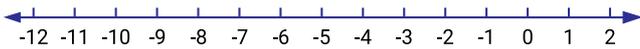
Use the number line to help answer.

$-13 + 17 = \square$  4

**Q14**

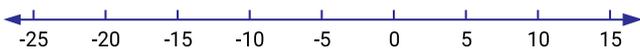
Use the number line to help answer.

$-12 + 9 = \square$  -3

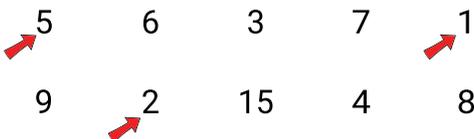
**Q15**

Use the number line to help answer.

$-25 + 10 = \square$  -15

**Q16**

From the numbers below, choose ALL the factors of 10.

**Q17**

From the numbers below, choose ALL the factors of 22.

**Q18**

From the numbers below, choose ALL the factors of 25.

**Q19**

Write the directed number describing the change from 1846 metres above sea level to 2180 metres above sea level.

334

**Q20**

Write the directed number describing the change from \$154 credit to \$210 debit.

-364

**Q21**

Write the directed number describing the change from \$150 credit to \$320 debit.

-470

**Q22**

Place the numbers in ascending order.

<input type="text"/>					
-212	-210	-204	-189	-136	-125
-136	-210	-189	-212	-125	-204

**Q23**

Place the numbers in ascending order.

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
-2	-0.5	0	3.5
-0.5	-2	3.5	0

**Q24**

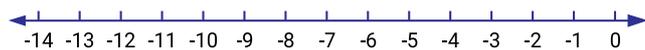
Place the numbers in ascending order.

<input type="text"/>				
-6	-5.5	-5	-3.5	-2.5
-5.5	-6	-5	-3.5	-2.5

**Q25**

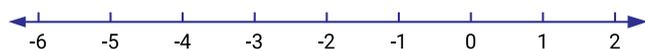
Use the number line to help answer.

$-9 - 5 = \square$  -14

**Q26**

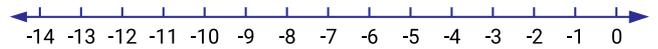
Use the number line to help answer.

$-1 - 4 = \square$  -5

**Q27**

Use the number line to help answer.

$-8 - 5 = \square$  -13

**Q28**

From the numbers below, choose ALL the factors of 36.

30	<input checked="" type="checkbox"/> 6	<input checked="" type="checkbox"/> 3	32	7
<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 9	5	<input checked="" type="checkbox"/> 2	10

**Q29**

From the numbers below, choose ALL the factors of 40.

<input checked="" type="checkbox"/> 20	3	<input checked="" type="checkbox"/> 5	7	<input checked="" type="checkbox"/> 10
6	<input checked="" type="checkbox"/> 8	11	<input checked="" type="checkbox"/> 40	35

**Q30**

From the numbers below, choose ALL the factors of 45.

2	6	<input checked="" type="checkbox"/> 1	7	<input checked="" type="checkbox"/> 5
<input checked="" type="checkbox"/> 45	<input checked="" type="checkbox"/> 3	17	35	<input checked="" type="checkbox"/> 9