

## Grade 6 Mathematics

### Integers

Q1) a) Predecessor of  $-313 =$  \_\_\_\_\_ . 5x1

b) Largest number in set of integers \_\_\_\_\_.

c) On number line,  $-34$  lies to the \_\_\_\_\_ of zero.

d) There are \_\_\_\_\_ numbers between  $-8$  and  $+8$ .

e) Smallest integer is \_\_\_\_\_ and smallest positive integer \_\_\_\_\_.

Q2) Solve. 4x1

a)  $345 - 453 - 167$

b)  $23 - (-12)$

c)  $(-32) - (-40)$

d)  $(-11) + (-2) + (-1)$

Q3) Use number line to solve  $(-2) + (-8) + 4$  2x2

Q4) Write the absolute values of

a)  $|45|$       b)  $|-56|$       c)  $|(-6) - (-7)|$       d)  $|(-7) + 9|$

Q5) Solve with BODMAS 2x2

a)  $943 + 100 + (-43) - (-200) + 400$

b)  $[{-80 - (-20) + 160} - (-25) \times (-4)]$

Q6) Reena travels in east direction for  $110\text{m}$  and then turn back towards west and travels  $66\text{m}$ . What is distance between her starting and ending positions.

Q7) The sum of two integers is  $-136$ . If one of them is  $218$ , find the other integer. 3

Q8) The highest point of Mt Everest is  $29,028$  feet above from sea level. The lowest point in the dead sea is about  $1312$  feet below the sea level. What is the level difference between these two points? 3