

## Topic: Integers

Name:

**Instructions: Solve the following question in your mathematics h/w copy. You need to copy the questions also.**

- 1) Verify  $a - (-b) = a + b$  for the following values of 'a' and 'b'.
  - a)  $a=75$   $b=84$
  - b)  $a=118$   $b=125$
  - c)  $a=125$   $b=30$
- 2) write down a pair of integers whose
  - a) Sum is -3
  - b) Sum is 0
  - c) Difference is 2
  - d) Difference is -5
- 3) The sum of two integers is -12. If one of them is 43, find the other.
- 4) The difference of an integer p and -8 is 3. Find the value of p.
- 5) Add the product of (-16) and (-9) to the quotient of (-132) by 6.
- 6) By what number should (-240) be divided to obtain 16?
- 7) Find
  - a)  $(-3) \times (-6) \times (-2) \times (-1)$
  - b)  $(-41) \times 10$
  - c)  $(-320) \times (-1)$
- 8) In a quiz, positive marks are given for correct answers and negative marks are given for incorrect answers. If Jack's score in five successive rounds were 65, -10, -15, 20, 30. What was his total score?
- 9) How much less than -2 is -8?
- 10)  $(\quad) \div 31 = 0$