

SATISH CHANDRA MEMORIAL SCHOOL, CHAKDAHA

CLASS V

MATHEMATICS CASE STUDY

Sana is a class 5 student. She studies in the government school of her village. She is a good student and takes responsibility of different activities whenever she gets opportunity.

One day her class teacher gave her few tasks of calculations as follows:-

- (a) Find out the total strength of class 5.
- (b) Find out the class strength of 5-C.
- (c) Find out, how many girls are there in standard 5.
- (d) Find out the total strength of class 8.
- (e) Find out the total strength of class 9.

But Sana was only provided with the following information:-

- (1) Class strength of 5-A = 30, 5-B = 35, 5-D = 40. (There are only four sections of standard 5).
- (2) Total strength of 5-C = $\frac{3}{4}$ of 5-D.
- (3) Number of boys in standard 5 = $\frac{2}{5}$ of total strength.
- (4) Strength of standard 8 = Three times of the strength of 5-C.
- (5) Strength of standard 9 = Two times the strength of standard 8.

Tick the correct option from the following:-

- 1) What is the total strength of standard 5?
 - a) 140
 - b) 135
 - c) 175
 - d) 130
- 2) What is the student strength of 5-C?
 - a) 20

- b) 40
- c) 30
- d) 35

3) How many girls are there in standard 5?

- a) 80
- b) 90
- c) 95
- d) 81

4) What is the total strength of standard 8?

- a) 90
- b) 95
- c) 100
- d) 120

5) What is the total strength of standard 9?

- a) 120
- b) 100
- c) 180
- d) 200