

**COSMOS CASTLE INTERNATIONAL SCHOOL GREEN CAMPUS**

**Annual Examination 2021-22**

**Class: VI (Maths)**

**Sample Paper 3 Topic -: Algebra, Ratio & Proportion, Practical Geometry**

**Short Questions**

**Q.1 Write the equation for the following-:**

1. m increased by 8. m+8

2. b decreased by 31. 31- b

3. Five times x increased by 5 gives 55. 5x +5 =55

4. Half of p subtracted from the sum of a and b. (a+b) –

5. Product of 7 and x divided by the difference of 7 and x. 7x / (7-x)

6. Sum of p, q and r divided by the product of a and 5. (p + q + r)/ 5a

7. One fourth of the difference of x and y. (x –y)

8. 4 subtracted from n, gives 36. n – 4 =36

9. z minus twice x. z -2x

10. m taken away from 50, gives 15. 50 –m =15

Q.2. Match following with their expressions.

i) x is added to 8 - 4x-2

ii) x is multiplied by 9 - x+8

iii) 4 times x and 2 is subtracted - 9x

Q.3 If Maya's present age is x years then what will be her age two years ago. (x -2)

Q.4 Give expressions for the following:

i) k is multiplied by 10. = k x 10 or 10k

ii) x is multiplied by 2 and 9 is subtracted = 2x - 9

iii) z is divided by 9 = z /9 or z ÷ 9