

Class Test on Factorisation (Class 8)

Full Marks: 15

Answer the following questions:

1) *Find the greatest common factor of the following polynomial:* 2

$$36a^2b^2c^4, 54a^5c^2, 90a^4b^2c^2$$

2) **Factorise:**

3x3=9

a) $49(a - b)^2 - 25(a + b)^2$

b) $(a + 7)(a - 10) + 16$

c) $xy^9 - yx^9$

3) *Divide $(p^2 + 11p + 28)$ by $(p + 4)$* 2

4) *Using identity find the value of $(98)^2$.* 2