



1. The quotient when $3q$ is divided by (-6) is

- (i) $\frac{1}{2}q$ (ii) $(-q)$ (iii) $(-\frac{1}{2}q)$ (iv) $(-\frac{1}{4}q)$ (v) $(-\frac{3}{2}q)$

2. The quotient when $(-4h^2)$ is divided by $(h-5)$ is

- (i) $(-4h-20)$ (ii) $(-6h-20)$ (iii) $(-5h-20)$ (iv) $(-h-20)$ (v) $(-3h-20)$

3. The quotient when $(2q-2)$ is divided by $(q+3)$ is

- (i) (-1) (ii) 5 (iii) 1 (iv) 2 (v) 3

4. The quotient when $(-9j^2+3j+1)$ is divided by $(j+5)$ is

- (i) $(-8j+48)$ (ii) $(-10j+48)$ (iii) $(-11j+48)$ (iv) $(-7j+48)$ (v) $(-9j+48)$

5. The quotient when $(-9x^2+6x)$ is divided by $(x-6)$ is

- (i) $(-10x-48)$ (ii) $(-8x-48)$ (iii) $(-7x-48)$ (iv) $(-9x-48)$ (v) $(-12x-48)$

6. The quotient when $(3s^2-7s-9)$ is divided by $(s+5)$ is

- (i) $(4s-22)$ (ii) $(2s-22)$ (iii) $(5s-22)$ (iv) $(s-22)$ (v) $(3s-22)$

7. The quotient when $(-7b^4-8b^3+5b^2-6b+2)$ is divided by $(b-3)$ is

- (i) $(-6b^3-29b^2-82b-252)$ (ii) $(-8b^3-29b^2-82b-252)$ (iii) $(-10b^3-29b^2-82b-252)$
(iv) $(-7b^3-29b^2-82b-252)$ (v) $(-5b^3-29b^2-82b-252)$

8. The quotient when $(-4g^5-4g^4+7g^3-6g^2-6g+1)$ is divided by $(g+3)$ is

- (i) $(-4g^4+8g^3-17g^2+45g-141)$ (ii) $(-g^4+8g^3-17g^2+45g-141)$ (iii) $(-5g^4+8g^3-17g^2+45g-141)$
(iv) $(-3g^4+8g^3-17g^2+45g-141)$ (v) $(-7g^4+8g^3-17g^2+45g-141)$

9. The remainder when $(-l)$ is divided by (-5) is

- (i) 0 (ii) 2 (iii) (-3) (iv) (-1) (v) 1

10. The remainder when $(-8f^2)$ is divided by $(f+4)$ is

- (i) (-130) (ii) (-128) (iii) (-127) (iv) (-129) (v) (-126)

11. The remainder when $(-4m-3)$ is divided by $(m+2)$ is

- (i) 7 (ii) 3 (iii) 5 (iv) 6 (v) 4

12. The remainder when $(2j^2 - 4j)$ is divided by $(j-2)$ is

- (i) 1 (ii) (-1) (iii) (-2) (iv) 3 (v) 0
-

13. The remainder when $(2y^2 - 6y - 8)$ is divided by $(y+8)$ is

- (i) 169 (ii) 166 (iii) 168 (iv) 170 (v) 167
-

14. The remainder when $(9d^3 - 7d^2 + 3)$ is divided by $(d^2 + 6d + 9)$ is

- (i) $(284d + 552)$ (ii) $(283d + 552)$ (iii) $(285d + 552)$ (iv) $(287d + 552)$ (v) $(286d + 552)$
-

15. The remainder when $(5m^4 - 9m^3 - 4m^2 - 7m - 7)$ is divided by $(m^2 - 9)$ is

- (i) $(-89m + 362)$ (ii) $(-90m + 362)$ (iii) $(-88m + 362)$ (iv) $(-86m + 362)$ (v) $(-87m + 362)$
-

16. The remainder when $(-6e^4 - 6e^3 - e - 5)$ is divided by $(e+5)$ is

- (i) (-3002) (ii) (-2999) (iii) (-3000) (iv) (-2998) (v) (-3001)

Assignment Key

1) (iii)	2) (i)	3) (iv)	4) (v)	5) (iv)	6) (v)
7) (iv)	8) (i)	9) (i)	10) (ii)	11) (iii)	12) (v)
13) (iii)	14) (iii)	15) (iii)	16) (iii)		