

Answers to Remainder Theorem

1) 5

5) -3

8) $f(x) = (x-1)(x-5)(x+5)$

11) $f(x) = (x-1)(x^2+x+1)(x+3)$

2) 1

6) -8

9) $f(x) = (x+1)(x-2)(x-3)$

12) $f(x) = (x+4)(x^2-4x+16)(x-2)$

3) 11

7) $f(x) = (x+3)^2(x+2)$

4) 8

10) $f(x) = x(x-4)(x-1)(x+3)$