

**EduSahara™ Learning Center Assignment****Grade : Class IX, CBSE****Chapter : Polynomials****Name : Value of a Polynomial**

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1. The value of the polynomial  $(-s + 3)$  at  $s = 2$  is

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

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2. The value of the polynomial  $(5i^2 + i + 4)$  at  $i = (-4)$  is

(i) 81 (ii) 80 (iii) 78 (iv) 79 (v) 82

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3. The value of the polynomial  $(-w^3 - 8w + 5)$  at  $w = 1$  is

(i) -3 (ii) -7 (iii) -4 (iv) -2 (v) -5

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4. The value of the polynomial  $(-8u^4 + 2u^3 + 5u^2 + 3u + 9)$  at  $u = (-5)$  is

(i) -5131 (ii) -5132 (iii) -5130 (iv) -5134 (v) -5129

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5. The value of the polynomial  $3v$  at  
 $v = (-1), w = 5, x = 2$  is

(i) -4 (ii) -2 (iii) -3 (iv) -1 (v) -6

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6. Given  $f(q) = (6q - 7)$ , find  $f(1)$

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

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7. Given  $f(n) = (-2n^2 - n + 6)$ , find  $f((-2))$

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

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8. Given  $f(s) = (-7s^2 + 6s - 7)$ , find  $f((-4))$

(i) -145 (ii) -144 (iii) -142 (iv) -141 (v) -143

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9. Given  $f(m) = (m^4 + 5m^3 - 9m^2 - 6m - 2)$ , find  $f(3)$

(i) 112 (ii) 116 (iii) 118 (iv) 115 (v) 114

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## Assignment Key

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- 1) (iii)
- 2) (ii)
- 3) (iii)
- 4) (i)
- 5) (iii)
- 6) (ii)
- 7) (i)
- 8) (v)
- 9) (iv)