

## Practice 9-1

1.  $4y^3 - 4y^2 - y + 3$ ; cubic polynomial with four terms
2.  $x^4 + x^2 - 6$ ; fourth degree trinomial
3.  $x + 2$ ; linear binomial
4.  $-7m^3 + 2m^2 + 3m$ ; cubic trinomial
5.  $2x^2 - x + 4$ ; quadratic trinomial
6.  $7x^3 + 2x^2$ ; cubic binomial
7.  $n^2 - 5n$ ; quadratic binomial
8.  $7x^2 + 6$ ; quadratic binomial
9.  $a^3 + 3a^2 - 4a + 3$ ; cubic polynomial with four terms
10.  $3x + 5$ ; linear binomial
11.  $-8a^2 + 6a + 7$ ; quadratic trinomial
12.  $-x^2 + 5x + 4$ ; quadratic trinomial
13.  $-x^3 + 4x^2 + 2$ ; cubic trinomial
14.  $4x^3 - 2x^2$ ; cubic binomial
15.  $y^2 - 3y - 7$ ; quadratic trinomial
16.  $-6x^2 + x - 3$ ; quadratic trinomial
17.  $v^3 + 2v^2 - v$ ; cubic trinomial
18.  $3d^2 + 8d$ ; quadratic binomial
19.  $2x^2 - 9x - 3$
20.  $3x^3 - 7x^2 + 4$
21.  $-2y^3 - y^2 - 11y + 1$
22.  $2x^3 - 7x + 1$
23.  $3a^3 + 4a^2 + 5a$
24.  $2y^3 - 4y + 10$
25.  $6x^2 + x - 9$
26.  $3n^2 - n - 4$
27.  $4n^3 - n^2 + 4$
28.  $7y^2 - 12y$
29.  $3x^2 + 3x - 20$
30.  $x^3 - 5x^2 + x$
31.  $-2x^3 - x^2 - 2x$
32.  $2d^3 - 4d^2 - 6d + 5$
33.  $x^3 + 8x^2$
34.  $3c^2 - 3c - 3$
35.  $4y^2 - 11y$
36.  $2c^2 - 3$
37.  $16x^2 + 14x + 15$
38.  $-15x^2 - 6x + 3$
39.  $3x^2 + 7x + 16$
40.  $7x^3 - 11x^2 - x + 3$
41.  $y^3 - 5y^2 + y - 2$
42.  $-x^3 - 7x^2 - 8x + 5$
43.  $2x^2 - x + 2$
44.  $-2x^2 - 8x + 1$
45.  $-2x^3 + 11x^2 + x - 5$
46.  $a^3 + 5a^2 + 3a$
47.  $4x + 1$
48.  $3n + 4$
49.  $x^3 - x^2 + 7x - 6$
50.  $6s^2 + 7s + 4$
51.  $5x^2 - 6x + 14$
52.  $5x^3 - x^2 - 3x + 13$
53.  $-6$
54.  $x^3 - 2x^2 + x + 3$
55.  $4x^2 + 20$
56.  $x^3 - 8x^2 - x + 12$
57.  $2x + 9$
58.  $2x^2 - 3x + 8$