

## Answers to Solve Polynomials #2

1) Possible rational zeros:  $\pm 1, \pm 5$

Rational zeros:  $\{-5, -1 \text{ mult. } 2\}$

3) Possible rational zeros:  $\pm 1, \pm 5, \pm 25, \pm 125$

Rational zeros:  $\{5\}$

5) Possible rational zeros: 0

Rational zeros:  $\{0, -5\}$

8) Possible rational zeros: 0

Rational zeros:  $\left\{0, \frac{5}{2}\right\}$

2) Possible rational zeros:  $\pm 1, \pm 11$

Rational zeros:  $\{-11, -1, 1\}$

4) Possible rational zeros: 0

Rational zeros:  $\{0, 2\}$

6) Possible rational zeros: 0

Rational zeros:  $\{0, 11, -1, 1\}$

7) Possible rational zeros:  $\pm 1, \pm \frac{1}{2}$

Rational zeros:  $\left\{-1, -\frac{1}{2}, 1\right\}$