

Answers to 2.2 Factoring part 1

1)

3) $27m^2(m - 6)$; $m = 0$, $m = 6$

5) 13, 12, 1
-13, -12, -1
-11, -12, 1
11, 12, -1
8, 6, 2
-8, -6, -2
-4, -6, 2
4, 6, -2
7, 3, 4
-7, -3, -4
1, -3, 4
-1, 3, -4

7) $\left\{-\frac{2}{7}, -4\right\}$
15) $\left\{-\frac{7}{5}, -5\right\}$

9) $\left\{-\frac{3}{2}, \frac{5}{3}\right\}$
17) $\left\{\frac{5}{2}, 2\right\}$

11) $\left\{\frac{4}{3}, -4\right\}$
19) $\left\{\frac{6}{7}, -\frac{8}{5}\right\}$

13) $\left\{\frac{4}{3}, -7\right\}$