STATION: GCF (there will be one prime and two double factors!)

1) $4x^3 - 9x^2 + 16x$

2) $60x^5 - 105x^2$

3) $x + x^2$

4) $7x^2 + 42x + 35$

5) $x^2 + 4$

6) $2x^2 - 4x - 70$

STATION: GCF (there will be one prime and one double factor!)

2) $4x^3 - 9x^2 + 16x$

2) $60x^5 - 105x^2$

3) $x + x^2$

4) $7x^2 + 42x + 35$

5) $x^2 + 4$

6) $2x^2 - 4x - 70$

STATION: Grouping

1) $x^3 + 2x^2 + 3x + 6$

2) $40x^3 - 16x^2 + 15x - 6$

3) $5x^3 - 5x^2 - x + 1$

4) $2x^3 - 6x^2 + x - 3$

STATION: Grouping

1) $x^3 + 2x^2 + 3x + 4$

2) $40x^3 - 16x^2 + 15x - 6$

3) $5x^3 - 5x^2 - x + 1$

4) $2x^3 - 6x^2 + x - 3$

STATION: a=1 (there are 2 GCF FIRST problems)

1) $x^2 + 13x + 36$

2) $x^2 - 8x - 20$

3) $3x^2 - 30x + 75$

4) $x^2 + 4x - 12$

5) $4x^2 - 4x - 24$

6) $x^2 + x - 20$

STATION: Difference of Squares (there are 3 GCF FIRST problems and 2 primes! ;)

1) $x^2 - 1$

2) $x^2 - 169$

3) $2x^2 - 128$

4) $x^2 + 25$

5) $9x^2 - 169$

6) $4x^2 - 1$

7) $16x^2 + 25$

8) $5x^2 - 245$

9) $121x^2 - 225$

10) $12x^2 - 3$

STATION: a>1

1) $5x^2 - 2x - 3$

2) $2x^2 + 21x + 45$

3) $3x^2 + 4x - 7$

4) $3x^2 + 32x - 48$

5) $6x^2 - 13x + 6$

STATION: Solving! (you know it is a solving problem if it =0!)

1) $5x^2 + 27x - 18 = 0$

2) $5x^2 - 125 = 0$

3) $x^2 - 6x - 40 = 0$

4) $x^2 + x - 12 = 0$

5) $6x^2 - 54 = 0$

6) $x^2 + 3x - 18 = 0$