

10/2

1.  $3x^2 + 7x - 6$  <sup>1:3 F</sup> <sup>L 1:6</sup> <sup>2:3</sup>

$(3x - 2)(x + 3)$

$(3x \quad 3) (x \quad 2) \checkmark$

$(3x \quad 1) (x \quad 6) \checkmark$

$(3x \quad 6) (x \quad 1) \checkmark$

2.  $2x^2 + 7x - 15$  <sup>1:15</sup> <sup>3:5</sup> ←

$(2x - 3)(x + 5) \checkmark$

$(2x \quad 5) (x \quad 3) \checkmark$

$(2x \quad 1) (x \quad 15)$

$(2x \quad 15) (x \quad 1)$

3.  $4x^2 + x - 60$  <sup>1:4</sup> <sup>1:60</sup> <sup>2:30</sup> <sup>3:20</sup> <sup>4:15</sup> <sup>5:12</sup> <sup>6:10</sup>

$(4x - 15)(x + 4)$

$\begin{array}{r} -15x \\ 16x \end{array}$

4.  $3x^2 + 14x - 15$  ~~1:15~~ ~~3:5~~

$(3x \quad 15) (x \quad 1)$

$\begin{array}{r} 15x \\ 3x \end{array}$  not factorable

5.  $x^2 - 16x + 64$

$(x - 8)^2$

6.  $x^2 - 25 = (x + 5)(x - 5)$

7.  $10x^2 - 27x + 18$  <sup>1:10</sup> <sup>2:5</sup> <sup>1:18</sup> <sup>2:9</sup> <sup>3:6</sup>

$(2x - 3)(5x - 6)$

$\begin{array}{r} -15x \\ -12x \end{array}$

Check 9.7 B all

Make sure your answers are correct

Do Just Review Section 3

Remember GCF first!