

Blue Zone Going slow	Green Zone Good to go	Yellow Zone Caution Starting to lose control	Red Zone Stop! Out of control
E.g. sad, sick, tired, bored	E.g. happy, calm, focused, ok	E.g. worried, excited, annoyed	E.g. angry, terrified, elated

Recap!

Factorise:

$$x^2 + 9x + 20$$

$$x^2 + 13x + 30$$

$$x^2 + 12x + 36$$

Factorising!

$$x^2 + 3x - 10$$

Add
$$\rightarrow$$
 +3
Multiply \rightarrow -10

$$(x + 5)(x - 2)$$

What two numbers multiply to make -10? Then, which add to make +3

$$x^{2} + 2x - 15$$
 $x^{2} - 4x - 21$
 $x = -15$

$$(x - 5)(x + 3)$$

$$x^2$$
 - 4x - 21

$$+ = -4$$
$$x = -21$$

$$(x - 7)(x + 3)$$

$$x^2 - 2x - 24$$

$$+ = -2$$
$$x = -24$$

$$(x-5)(x+3)$$
 $(x-7)(x+3)$ $(x-6)(x+4)$

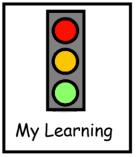
$$x^2$$
 - 2x - 35

$$x^2 + 2x - 24$$

$$x^2 + x - 12$$

$$x^2 + 9x - 10$$

$$x^2$$
 - 4x - 32



Traffic light your work today.

Thumbs down- I don't understand it

Thumbs across- I understand some of it

Thumbs up- I understand all of it

A further task will be on the website for you to complete later today – one merit for all who do