A close-up, shallow depth-of-field photograph of a computer keyboard. The central focus is on a single key marked with a white 'x', a vertical slash, and a hyphen. The surrounding keys, including those with blue markings and a plus sign, are blurred. The text 'Algebra - quadratics' is overlaid in white on the central key.

Algebra - quadratics

Solving with rearranging

Blue Zone



Going slow

E.g. sad, sick, tired,
bored

Green Zone



Good to go

E.g. happy, calm,
focused, ok

Yellow Zone



Caution

Starting to lose control

E.g. worried, excited,
annoyed

Red Zone



Stop!

Out of control

E.g. angry, terrified,
elated

Recap!

- Solve

$$x^2 - 8x - 20 = 0$$

$$(x-10)(x+2) = 0$$

EITHER

$$x-10=0 \dots \text{So } x=10$$

OR

$$x+2=0 \dots \text{so } x=-2$$

<https://app.mymaths.co.uk/192-lesson/quadratic-equations-2>

One more before you go....

$$x^2 + 3x = 28$$

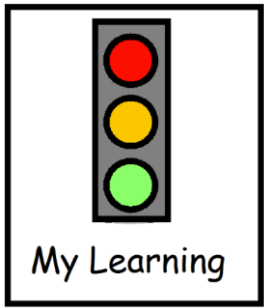
$$x^2 + 3x - 28 = 0$$

$$(x-4)(x+7) = 0$$

$$x-4=0 \dots x=4$$

OR

$$x+7=0 \dots x=-7$$



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

