15th July

A light flashes every 42 seconds.
A buzzer buzzes every 2 minutes.

They both operate, how long until they both operate again?

| Work out | \[
\frac{(y - 2)^2}{4y}
\]
| if \(y = 3.2\) |

| \[
\frac{1 \frac{4}{7}}{\frac{1}{4}}
\] |

| Factorise \(x^2 + 11x + 18\) | Factorise \(x^2 - 16\) |

| Solve the inequality \(5x + 11 < 2x + 27\) |  |