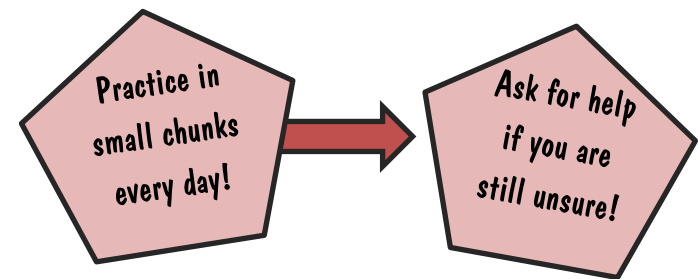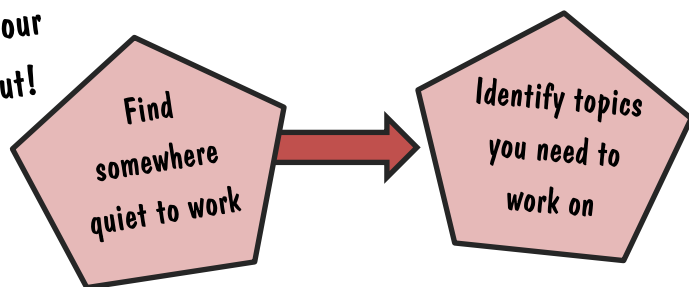# Higher Revision Maze – Find a path through the maze! Answers must match those in the top row and jumps can only be made with adjacent squares (No diagonal jumps!)

ACCESS MATHS

39 is in the sequence	Fully simplified	Recurring Decimal (prove it)	x=3	Has a factor (x+3)	x= ½	Passes through the point (1,6)	Is the interior angle of a regular polygon	$\frac{1}{9}$	Can be written as a fraction out of 30
$n^2 + 3$	$3\sqrt{14}$	$\frac{2}{11}$	Solve $2x + 4y = 14$ $3x + 2y = 13$	$x^2 + 5x + 7$	$3x + 4 = 5x + 1$	$y = 4x + 2$	900°	3^{-2}	$0.\dot{1}\dot{5}$
$4n - 3$	$2\sqrt{20}$	$\frac{4}{9}$	Solve $3x + 4y = 16$ $4x - 3y = 13$	$x^2 + 9x + 18$	$4x + 5 = 6x + 4$	$2y = 10x + 2$	740°	$\frac{1}{12} \times \frac{4}{3}$	$0.\dot{6}\dot{3}$
$3n - 6$	$5\sqrt{26}$	$\frac{13}{30}$	Solve $3x + 6y = 27$ $5x - 3y = 19$	$x^2 - 7x + 12$	$7x + 2 = 3x + 4$	$y = 3x + 4$	840°	$\frac{1}{2} - \frac{7}{18}$	$0.2\dot{3}$
$2n^2 + 5$	$3\sqrt{24}$	$\frac{5}{8}$	Solve $3x + 4y = 21$ $4x - 5y = -3$	$x^2 - x - 12$	$8x + 1 = 2x + 4$	$y = 7x - 1$	540°	0.11	$0.3\dot{6}$
$5n + 4$	$4\sqrt{31}$	$\frac{5}{33}$	Solve $5x + 4y = 17$ $2x - 6y = 3$	$x^2 - 9$	$6x + 3 = 3x + 4$	$2y = 4x + 2$	1080°	$\frac{1}{3} \div 3$	$0.\dot{2}\dot{3}$

Show all your working out!

Find somewhere quiet to work → **Identify topics you need to work on**

Practice in small chunks every day! → **Ask for help if you are still unsure!**

ANSWERS!

ACCESS MATHS

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$3n - 6$	$5\sqrt{26}$	$\frac{13}{30}$	Solve $3x + 6y = 27$ $5x - 3y = 19$	$x^2 - 7x + 12$	$7x + 2 = 3x + 4$	$y = 3x + 4$	$840°$	$\frac{1}{2} - \frac{7}{18}$	$0.2\dot{3}$
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