



MARICOURT
CATHOLIC
HIGH SCHOOL
& SIXTH FORM CENTRE

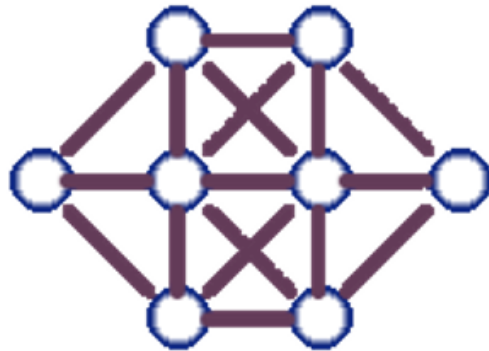
MATHS

Transition Task- Can you solve the problems?

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WITH
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Place the numbers 1 to 8 in the circles so that no consecutive numbers are joined by a line. (Consecutive means numbers next to each other when counting, like 3 and 4).



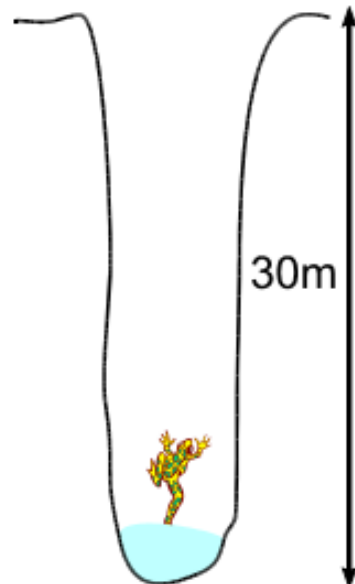
Find two consecutive numbers which when added together = 47

Find three consecutive numbers which when added together = 84

Start at the bottom left square and move up, down, left or right until you reach the finish.

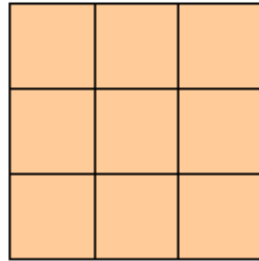
	4	9	7	7	4	◇ Finish
	8	9	4	5	7	
	6	6	4	9	9	
	7	8	8	8	6	
Start ◇	5	5	6	5	5	

A frog has fallen into a pit that is 30m deep.



Each day the frog climbs 3m, but falls back 2m at night. How many days does it take for him to escape?

Can you put the digits 1 to 9 in a square so that every row, column and diagonal add to 15?



This example doesn't work:

1	3	5	→9
9	6	4	→19
2	7	8	→17

↙13 ↓12 ↓16 ↓17 ↘15

Can you put the numbers 1 to 7 in each circle so that the total of every line is 12?

