Figure It Out

Have your students work on their problem solving skills by completing these 5 fun riddles.

Problem 1

5 blocks have been labeled with one of these letters: H, I, J, K, L. The H block is immediately to the right of the I block. The J block is to the right of the K block. The I is between the L and K. The L is immediately to the left of the I. Where is the K? 1st, 2nd, 3rd, 4th or 5th?

1st block	2nd block	3rd block	4th block	5th block
?	?	?	?	?

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Problem 2

How can you rearrange the letters in New Door to spell one word?
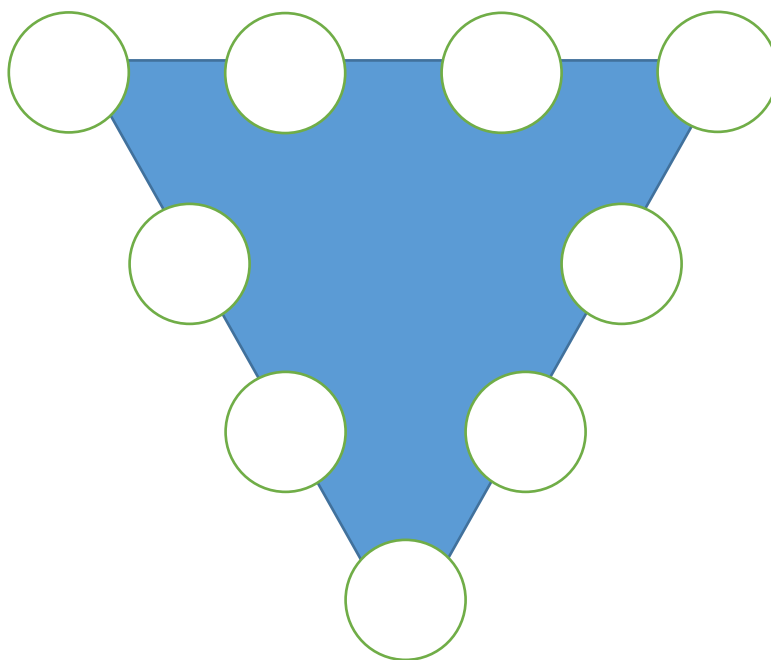
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Problem 3

A cowboy rides into town on Friday, stays 3 days, and then leaves on Friday? How did he do it?

Problem 4

Emma was running in a 5 mile marathon. With the end in sight she sprinted past Chloe who was in 2nd place and triumphantly crossed the finish line. Why didn't Emma win the marathon?

Problem 5

Use the numbers below to complete the triangle. All numbers will be used once and all 3 sides will add up to equal the same number. Is it possible?

Numbers To Use:

1	4	7
2	5	8
3	6	9

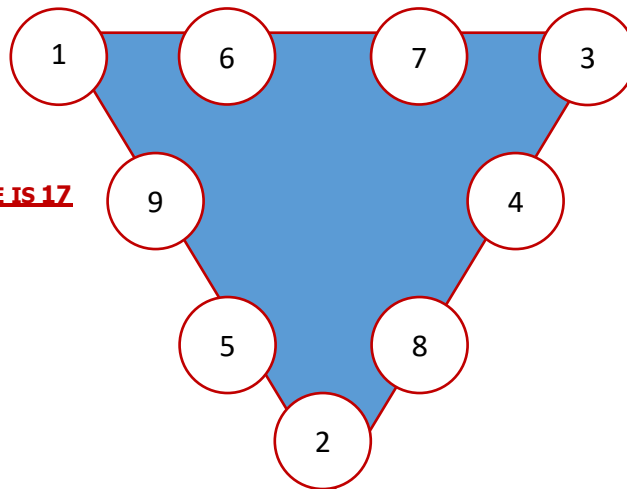# Figure It Out

Answer Key

Problem 1 3rd

Problem 2 one word

Problem 3 the horse is Friday

Problem 4 because she was still in 2nd place after passing Chloe

Problem 5

THE SUM OF EACH SIDE IS 17

1 6 7 3
9 4
5 8
2