

MATHS RIDDLES ANSWERS

WEEK BEGINNING: MONDAY 22ND FEBRUARY 2021

RIDDLE:	There are several books on a bookshelf. If one book is the 4 th from the left and 6 th from the right, how many books are on the shelf?
ANSWER:	9

RIDDLE:	There are two ropes that both take exactly 1 hour to burn from end to end. You are unable to cut the rope. How can you burn the two ropes in a total of exactly 45 minutes?
ANSWER:	Start one of the ropes from both ends and the other one from one end. After half an hour one rope will be completely burnt and the other will be half burnt. At this point you light the final rope from the unlit side and it will take 15 minutes for the remaining half of the rope to burn, a total of 45 minutes.

RIDDLE:	A half is a third of it. What is it?
ANSWER:	1.5

RIDDLE:	A mile long train is moving at 60 miles per hour when it reaches a mile-long tunnel. How long does it take the entire train to pass through the tunnel?
ANSWER:	For the train to pass completely through the tunnel, it must travel for 2 miles. After 1 mile of travel, the train would be completely in the tunnel, and after another mile it would be completely out and since the train is travelling at 1 mile per minute, it will take 2 minutes to pass through the tunnel.

RIDDLE:	'Evil Riddle' Using only addition, how do you add eight 8s and get the number 1000?
ANSWER:	$888 + 88 + 8 + 8 + 8 = 1000$