



Gordon Burgin's Puzzles

August 2023 challenge

Puzzle One

What number should be subtracted from $13/12$ to get $12/13$?

Puzzle Two

Container A holds 5 times as much milk as Container B. After 1.25 litres of milk from Container A is poured into Container B, both containers have the same amount of milk. How much milk did each container hold at first?

Puzzle Three

There are some people on a boat. 48 get off the boat at the first stop. 62 people get on the second stop and half that is on the boat got off at the third stop. Now there are 73 people on the boat. How many people were on the boat prior to the first stop?

Puzzle Four

King Tut died 120 years after King Eros was born. Their combined ages when they died was 100 years. King Eros died in the year 40 B.C. In what year was King Tut born?