

Weekly Question (28 Nov)

1. Two candles A and B have different lengths and thicknesses. They are lighted at the same time. The candle A can burn continuously for 11 hours and the candle B for 21 hours. They have the same length left after burning 7 hours. Find the ratio of the original length of A to original length of B.

Answer:

$$A:B = \underline{11 : 6}$$

2. One wok can fry 4 pieces of meat at one time. Every piece of meat needs two minutes to be cook (one for each side). Using only one wok, find the least possible time required to cook 10 pieces of meat.

Answer:

5 minutes