



6. A long-sleeve shirt has 8 front buttons and 2 cuff buttons; a short-sleeve shirt has 6 front buttons and no cuff buttons. The factory which makes 'Slimboy Shirts' uses 10 times as many front buttons as cuff buttons.

What is the ratio of long-sleeve shirts to short-sleeve shirts produced by the factory?

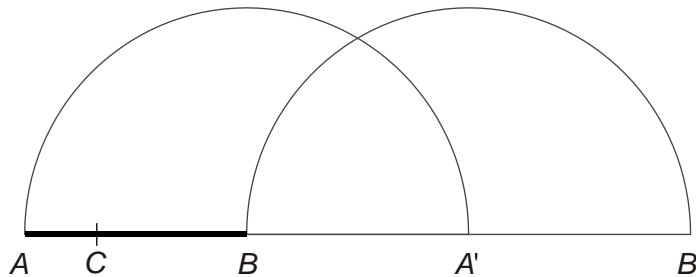
- A 4 : 1      B 4 : 3      C 2 : 3      D 3 : 4      E 1 : 2

7. A shop advertises 'Buy one, get one at half price'. For this offer, the average cost per item is the same as:

- A Two for the price of one    B Three for the price of one    C Three for the price of two  
 D Four for the price of three    E Five for the price of four

8. A pencil  $AB$  lying on a table is given a half-turn about the end  $B$  (so that  $A$  moves to  $A'$ ) and then a half-turn about  $A'$  (so that  $B$  moves to  $B'$ ). The point  $C$  on the pencil is one third of the way from  $A$  to  $B$ .

What is the ratio of the total distances moved by  $A$  and by  $C$ ?



- A 3:1      B 3:2      C 1:1      D 2:3      E 1:3