



Now, 45% of $x = 270$

$(45 \text{ multiplied by } x)/100 = 270$

$X = 600$.

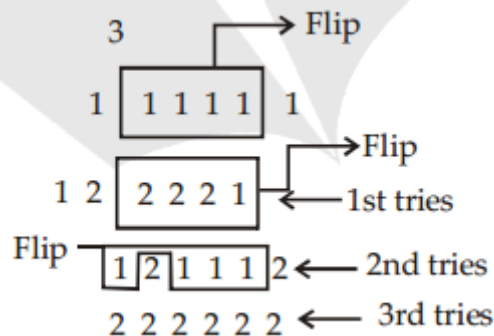
21 Six identical cards are placed on a table. Each card has number '1' marked on one side and number '2' marked on its other side. All the six cards are placed in such a manner that the number '1' is on the upper side. In one try, exactly four (neither more nor less) cards are turned upside down. In how many least number of tries can the cards be turned upside down such that all the six cards show number '2' on the upper side?

- A. 3 ☒
- B. 5
- C. 7
- D. This cannot be achieved

◦ Your Answer :

◦ Correct Answer : A

◦ **Answer Justification :**



22 Assume that

1. the hour and minute hands of a clock move without jerking.
2. the clock shows a time between 8 o'clock and 9 o'clock.
3. the two hands of the clock are one above the other.

◦ After how many minutes (nearest integer) will the two hands be again lying one above the other?

- A. 60
- B. 62
- C. 65 ☒
- D. 67

◦ Your Answer :

◦ Correct Answer : C