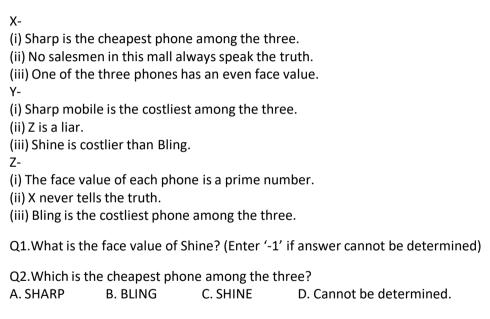# Truth & Lie Practice Puzzles

SET-1:

Dilip went to a shopping mall to enquire about the prices of three different Mobile phones- Bling, Shine, and Sharp. The price of each mobile phone is distinct and is in the form of K X 1000, where K is a single digit positive integer and is the called the "Face Value" of the mobile phone. Dilip meets three salesman – X, Y, and Z. Two of these three are alternators i.e. they always alternate between truth and lie, and one of them is either a truth teller, who always tells the truth or a liar, who always lies. On inquiry, each of the three salesmen tells him the following details-

X-
(i) Sharp is the cheapest phone among the three.
(ii) No salesmen in this mall always speak the truth.
(iii) One of the three phones has an even face value.
Y-
(i) Sharp mobile is the costliest among the three.
(ii) Z is a liar.
(iii) Shine is costlier than Bling.
Z-
(i) The face value of each phone is a prime number.
(ii) X never tells the truth.
(iii) Bling is the costliest phone among the three.

Q1.What is the face value of Shine? (Enter '-1' if answer cannot be determined)

Q2.Which is the cheapest phone among the three?
A. SHARP   B. BLING   C. SHINE   D. Cannot be determined.

Q3.Who among the following is not an alternator?
A. X   B. Y   C. Z   D. Cannot be determined.

Q4.The price of how many phones can be uniquely determined? (TITA)

SET-2

Six persons Ishank, Jitu, Kamal, Laxman, Mahesh and Neeraj are sitting around a circular table with all of them facing the center. The positions are marked as 1 to 6 in clockwise directions. These six persons belong to a country which has only three types of people. First are those who always tell the truth. These are known as truth tellers. Second are those who always tell lies. These are known as liars. Third are those who tell the truth in the first round of conversation and lies in the second round. These are known as alternators. It is known that among the six people, we have 2 people of each type.

They gave the following statements in the two rounds of conversation.(Alternators speak truth in round 1)

Round 1

Person at position 1: The person sitting opposite to me always tells the truth.
Person at position 2: I always tell the truth.
Person at position 3: The person sitting opposite to me is of type 3.
Person at position 4: I am sitting between type 2 and type 3.
Person at position 5: I am sitting between two persons who are of type 1.
Person at position 6: On my left-hand side is a person who always tells the truth.

Round 2

Person at position 1: I am Ishank.
Person at position 2: I am Neeraj.
Person at position 3: Jitu is not of the type 1.
Person at position 4: On my right-hand side is Mahesh.
Person at position 5: I am of type 3.
Person at position 6: I am not between Ishank and Laxman

Q1.Who is sitting to the left of Mahesh?
A. KAMAL   B. NEERAJ   C. JITU   D. LAXMAN

Q6.Who are the truth tellers?
A. Ishank and MAYANK   B. Jitu and ISHANK   C. Mahesh and Jitu   D. None of these

Q7.Who is sitting opposite to Kamal?
A. NEERAJ   B. ISHANK   C. MAHESH   D. LAXMAN

Q8.Who is sitting at the fifth position?
A. LAXMAN   B. MAHESH   C. JITU   D. NEERAJ

SET-3

There are five friends Abhay, Bobby, Chandu, Deepak and Emraan. Each one of them has one item among bat, ball, stumps, gloves and helmet. When asked about it, each of them gave two statements which are as below. It is also known that exactly one statement spoken by each one them is true.

Abhay

Statement I: I have a bat.   Statement II: I don't have the ball.

Bobby

Statement I: I don't have the stumps.   Statement II: I don't have helmet.

Chandu

Statement I: I have the gloves.   Statement II: I have the bat.

Deepak

Statement I: I don't have the bat.   Statement II: I have stumps.

Emraan

Statement I: I have the helmet.   Statement II: I have the ball.

Q1.Who has the Gloves?

A. Abhay   B. Bobby   C. Deepak   D. Cant be determined

Q2.If Abhay has the helmet, which item does Deepak have?

A. BAT   B. BALL   C. GLOVES   D. STUMPS
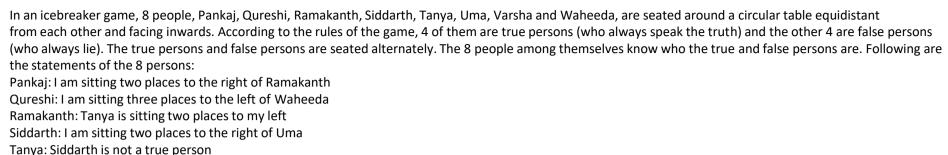
Q3.Who has the bat?

A. BOBBY   B. CHANDU   C. DEEPAK   D. Cant be determined

Q4.Who among the following can not have the ball.

A. Abhay   B. Emraan   C. Deepak   D. Cant be determined.

SET-4

In an icebreaker game, 8 people, Pankaj, Qureshi, Ramakanth, Siddarth, Tanya, Uma, Varsha and Waheeda, are seated around a circular table equidistant from each other and facing inwards. According to the rules of the game, 4 of them are true persons (who always speak the truth) and the other 4 are false persons (who always lie). The true persons and false persons are seated alternately. The 8 people among themselves know who the true and false persons are. Following are the statements of the 8 persons:

Pankaj: I am sitting two places to the right of Ramakanth
Qureshi: I am sitting three places to the left of Waheeda
Ramakanth: Tanya is sitting two places to my left
Siddarth: I am sitting two places to the right of Uma
Tanya: Siddarth is not a true person
Uma: I am sitting opposite to Pankaj
Varsha: Qureshi is sitting opposite to me
Waheeda: Varsha is not a false person

Q1.Which of the following statements is/ are definitely false?
1. Waheeda is sitting to the right of Tanya   2. Uma is sitting to the opposite of Siddarth
3. Qureshi and Varsha are sitting adjacent to each other
A. Only 2   B. Only3   C. 2 and 3   D. None of these

Q2.If Waheeda is sitting opposite Uma, who is sitting two places to the left of Tanya?
A. Ramakanth   B. Uma   C. Qureshi   D. Tanya

Q3.If only one person is sitting between Uma and Varsha, who is sitting to the right of Qureshi?
A. Uma   B. Varsha   C. Siddharth   D. Cant be determined

Q4 Which of the statements is/ are definitely true?
1. Waheeda is sitting to the left of Ramakanth   2. Qureshi and Varsha are neighbours
3. If Varsha is sitting to the left of Qureshi, then Siddarth is sitting to the left of Tanya
A Only 1   B 1 and 3   C 2 and 3   D 1,2 and 3

SET-1

1. 3
2. C
3. B
4. 3

SET-2

1. C
2. B
3. D
4. A

SET-3

1. D
2. C
3. B
4. A

SET-4

1. D
2. C
3. D
4. A