There are three prizes of Rs 500/- each for three correct entries. In case of a large number of correct entries, the prize winners will be selected through a draw of lots. The decision of the Editor, *Science Reporter* will be final.

**Send your entries to:**
Puzzle Corner
Editor, *Science Reporter*
National Institute of Science Communication & Information Resources (NISCAIR)
Council of Scientific and Industrial Research (CSIR)
Dr KS Krishnan Marg, Pusa Campus
New Delhi-110012

Name : …………………………………………………………………………………………………………….………..........………………
Address : ………………………………………………………………………………………………………………………….....……………….
………………………………………………………………………………………………………………………………………………
…………………………………………………………………………………………… Pin code: …………………………………
Age  : ………… Email: ………………………………………………………………………………………… Sex: ……………
Occupation : □ Student □ Housewife □ Teacher □ Professional □ Retired □ Other
Educational level : □ Primary □ Secondary □ Graduate □ Postgraduate

- Please fill up the questionnaire at the back
- You can send your answers on a photocopy of this page as well.

**Last date for the entries to reach us:**
05-10-2017

**ANSWER**

In a class of 60, where girls are twice in number to that of boys, the headgirl is ranked sixteenth from the top. If there are 9 girls ahead of the headgirl, how many boys are after her in the rank?
**Elements Sudoku**

Fill in the empty squares with the symbol of chemical elements from the given list such that each row, each column and each smaller grid contains all nine symbols:

```
```

<p>| | | | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ag</td>
<td>Ba</td>
<td>Fe</td>
<td>Na</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mg</td>
<td>Ca</td>
<td>Au</td>
<td>Ag</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cu</td>
<td>Hg</td>
<td>Mg</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cu</td>
<td>Au</td>
<td>Mg</td>
<td>Ba</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cu</td>
<td>Ba</td>
<td>Ca</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fe</td>
<td>Na</td>
<td>Mg</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mg</td>
<td>Ag</td>
<td>Na</td>
<td>Cu</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Na</td>
<td>Hg</td>
<td>Ca</td>
<td>Au</td>
<td>Ag</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hg</td>
<td>Cu</td>
<td>Fe</td>
<td>Au</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Spot the Difference**

Find six differences between these two pictures.

**Logical Sequence**

1. d, c, b, e, a  
2. c, b, d, a, e  
3. e, a, d, b, c  
4. d, a, c, b, e  
5. b, e, c, a, d

**Missing Number**

Answer: 40  
15 + 4 = 19; 15 x 4 = 60  
3 + 8 = 11; 3 x 8 = 24  
10 + 4 = 14; 10 x 4 = 40

**Prize Puzzle: Triangle Flip**

The triangle can be made to point upwards by moving the dots numbered as 1, 4 and 10 to the vertices of the triangle in any sequence.

```
1 8 9 10
5 6 7
```

**Prize Winners**

- Bhavya Bahuguna, 196-B, Pocket A, Mayur Vihar Phase-2, Delhi-110091
- Farheen Tabassum, C/o Qamar Ahmad Khan, 15/123-A, Abbasi Gali, Soro Katra, Shahganj, Agra-282010
- Joaquim Correia-Afonso, H.No. 573-Pulvaddo, Benaulim, Goa-403716

Congratulations all the winners!