



# SACRED HEART SCHOOL

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## Maths

### Class – VI

11. In each of the following numbers, replace \* by the smallest number to make it divisible by 3:
- |            |            |             |
|------------|------------|-------------|
| (i) 27*4   | (ii) 53*46 | (iii) 8*711 |
| (iv) 62*35 | (v) 234*17 | (vi) 6*1054 |
12. In each of the following numbers, replace \* by the smallest number to make it divisible by 9:
- |            |            |             |
|------------|------------|-------------|
| (i) 65*5   | (ii) 2*135 | (iii) 6702* |
| (iv) 91*67 | (v) 6678*1 | (vi) 835*86 |
13. In each of the following numbers, replace \* by the smallest number to make it divisible by 11:
- |             |            |             |
|-------------|------------|-------------|
| (i) 26*5    | (ii) 39*43 | (iii) 86*72 |
| (iv) 467*91 | (v) 1723*4 | (vi) 9*8071 |
14. Test the divisibility of:
- |                    |                     |                    |
|--------------------|---------------------|--------------------|
| (i) 10000001 by 11 | (ii) 19083625 by 11 | (iii) 2134563 by 9 |
| (iv) 10001001 by 3 | (v) 10203574 by 4   | (vi) 12030624 by 8 |
15. Which of the following are prime numbers?
- |         |          |           |            |
|---------|----------|-----------|------------|
| (i) 103 | (ii) 137 | (iii) 161 | (iv) 179   |
| (v) 217 | (vi) 277 | (vii) 331 | (viii) 397 |
16. Give an example of a number
- which is divisible by 2 but not by 4.
  - which is divisible by 4 but not by 8.
  - which is divisible by both 2 and 8 but not by 16.
  - which is divisible by both 3 and 6 but not by 18.
17. Write (T) for true and (F) for false.