Linear equations in two variables

Answers

- 4. a real number which cannot be represented in the form of p/q where p and q are integers and q is not equal to zero.
- 5. No. example 5 is real but not irrational
- 6. Sum of 2 integers is always an integer. Example 3 + 4 = 7, -5 + 9 = 4
- 7. HCF = $a^3b^2c^6$, LCM = $a^5b^9c^{10}d^9e^{11}f^{33}g^4$
- 8. 98

9. HCF = 4, LCM =
$$\frac{12576 \times 4052}{4}$$
 = 12739488

- 10. $\frac{6}{15} = \frac{2}{5}$ terminating.
- 12. $7 \times 11 \times 13 + 13$ = 13 (77 + 1) = 13 × 78
 - : It has 2 factors other than 1
 - ∴ It is composite.
- 13. HCF = 3
- 14. No.
- 15. mixed, 3319/3300

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