

IB Knowledge Test Answers

Answers

1 mark for each question. No partial marks awarded. Accept equivalent answers.

1. $\frac{7}{6}$ 2. $\frac{1}{3}$ 3. $\frac{3}{4}$ 4. -0.2 5. 0.321 6. 0.3

7. $a^2 - 2ab + b^2$ 8. $6x^2 - x - 1$ 9. $x = \frac{1}{2}$ 10. $x = 3$ or $x = 4$

11. $x = \pm 4$ 12. $x = 1$ 13. $x = 2$ 14. $x = 81$ 15. $x \leq 4$

16. $x < -2$ or $x > 2$ 17. $x < 0$ or $x > 1$ 18. 17 19. 96

20. 36 21. 720 22. $A < B$ 23. 1 24. 0.6 25. $x = 50^\circ$

26. $\frac{12}{5}$ or 2.4 27. 13 28. 1 29. 3

30. $D = 7, E = 5, M = 1, N = 6, O = 0, R = 8, S = 9, Y = 2$