

Class 8 Maths Chapter 14 Factorisation MCQs

- The factorisation of $ab - a - b + 1$ is
 - $(a - 1)(b - 1)$
 - $(a + 1)(b + 1)$
 - $(a - 1)(b + 1)$
 - $(a + 1)(b - 1)$
- The factorisation of $x^2 + x + xy + y + zx + z$ is
 - $(x + y + z)(x + y)$
 - $(x + y + z)(x + 1)$
 - $(x + y + z)(y + z)$
 - $(x + y + z)(z + x)$
- The common factor of $20ab, 40bc, 60ca$ is
 - 10
 - 30
 - 20
 - abc
- The common factor $5y$ and $25x$ is
 - 5
 - 25
 - x
 - y
- The common factor of $72a^3b^4c^4, 120c^2d^4a^4$ and $96b^3c^4d^4$ is
 - $96c^3$
 - $120c^3$
 - $72c$
 - $24c^2$
- The factorisation of $(x+b)^2$ is:
 - $x + b$
 - $(x + b)(x + b)$
 - $x - b$
 - $x^2 + b^2$
- The factorisation of $(x - a)^2$ is:
 - $(x - a)(x - a)$
 - $(x - a)(x + a)$
 - $(x - a)$
 - None of these

8. The factorisation of $6x^2 - 5x - 6$ is
- A. $(2x - 3)(3x + 2)$
 - B. $(2x + 3)(3x + 2)$
 - C. $(2x - 3)(3x - 2)$
 - D. $(2x + 3)(3x - 2)$

9. What is the value of $28x^2 \div 14x$?
- A. 2
 - B. $2x$
 - C. x
 - D. x^2

10. The factors of $x^2 - 25$ are:
- A. $(x + 5)^2$
 - B. $(x - 5)^2$
 - C. $(x - 5)(x + 5)$
 - D. None of the above

*****Answer Key*****

- 1. A
- 2. B
- 3. C
- 4. A
- 5. D
- 6. B
- 7. A
- 8. A
- 9. B
- 10. C