

Grade 7 - First Unit Test

Answer Keys

Practice Papers 1 & 2

Mathematics

Based on Maharashtra Board Syllabus (NEP 2025-26) - 1st Quarter

Note:

This document contains the answer keys for First Unit Test Practice Paper 1 and Practice Paper 2.

Practice Paper 1 - Answer Key

Section A: Rational Numbers and Integers

1. a) -7
1. b) 14
1. c) -54
1. d) 6
2. a) $\frac{3}{4}$
2. b) $\frac{5}{2}$ (or $2\frac{1}{2}$)
2. c) 12
2. d) $<$ (less than)

Section B: Indices and Algebraic Expressions

3. a) 2^7 (or 128)

3. b) 5^5 (or 3125)

3. c) 3^6 (or 729)

4. a) $8x + y$

4. b) $4a + 2b$

4. c) $2x, -5x$

Section C: Simple Equations and Geometry

5. a) $x = 7$

5. b) $y = 6$

5. c) $p = 20$

6. a) 50° ($90 - 40$)

6. b) 80° ($180 - 100$)

6. c) [Drawing of two intersecting lines forming two pairs of opposite angles]

Practice Paper 2 - Answer Key

Section A: Rational Numbers and Integers

1. a) -20

1. b) -14

1. c) -28

1. d) -5

- 2. a) $\frac{5}{8}$
- 2. b) $\frac{3}{4}$
- 2. c) -3
- 2. d) $>$ (greater than)

Section B: Indices and Algebraic Expressions

- 3. a) 3^7 (or 2187)
- 3. b) 7^5 (or 16807)
- 3. c) 4^0 or 1
- 4. a) $7a + b$
- 4. b) $5x - 3y$
- 4. c) $5p$, $8p$ and $-2q$, $-q$

Section C: Simple Equations and Geometry

- 5. a) $y = 13$
- 5. b) $x = 7$
- 5. c) $q = 18$
- 6. a) 35° ($90 - 55$)
- 6. b) 100° ($180 - 80$)
- 6. c) [Drawing of two angles sharing a common vertex and a common arm, but no common interior points]

End of Answer Keys

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