ZiloAcademy

✨ Grade 10 Maths — Negative & Fractional Indices ✨

Name: Demo **Date:** 26/11/2026

1. Evaluate 1331^(−4/3) as a fraction (format like 1/27):

2. Evaluate each (separate your two answers with a comma): 1) Evaluate: 361^(4/2) 2) Evaluate 4^{-3} as a fraction (format like 1/64)

3. Evaluate each (separate your two answers with a comma): 1) Evaluate 25^(−2/2) as a fraction (format like 1/27) 2) Evaluate 25^{-3} as a fraction (format like 1/64)

4. Evaluate 125^(−3/3) as a fraction (format like 1/27):

5. Evaluate 18^{-4} as a fraction (format like 1/64):

6. Evaluate each (separate your two answers with a comma): 1) Evaluate 28^{-4} as a fraction (format like 1/64) 2) Evaluate 27^{-2} as a fraction (format like 1/64)

7. Evaluate each (separate your two answers with a comma): 1) Evaluate 361^(−4/2) as a fraction (format like 1/27) 2) Evaluate 16^{-1} as a fraction (format like 1/64)

8. Evaluate: 512^(2/3):

9. Evaluate each (separate your two answers with a comma): 1) Evaluate 19^{-1} as a fraction (format like 1/64) 2) Evaluate 14^{-1} as a fraction (format like 1/64)

10. Evaluate each (separate your two answers with a comma): 1) Evaluate 16^{-2} as a fraction (format like 1/64) 2) Evaluate 6^{-2} as a fraction (format like 1/64)