ZiloAcademy

# ✨ Grade 7 Maths — Mathematical Reasoning ✨

**Name:** Demo Grade 7 **Date:** 26/11/2026

1. A student's working: "43 × 8 = 352." Is this correct? If not, what is the correct answer?

2. To find 413 ÷ 4, one student estimates first, another jumps straight to long division. Which approach is better for CHECKING a calculator answer is reasonable: estimating first, or long division first?

3. Is this statement always, sometimes, or never true: "A quadrilateral has 4 right angles"?

4. Numbers such as 4, 9, 16 and 25 are called square numbers. Is this statement always true: "The sum of a square number and a square number is always a square number"?

5. Numbers such as 4, 9, 16 and 25 are called square numbers. Is this statement always true: "A square number multiplied by a square number is always a square number"?

6. Numbers such as **4**, **9**, **16** and **25** are called square numbers. Is this statement always true: "A square number divided by a square number is always a square number"?

7. A student's working: "**48** × **2** = **94**." Is this correct? If not, what is the correct answer?

8. A student's working: "**73** × **8** = **576**." Is this correct? If not, what is the correct answer?

9. Numbers such as **4**, **9**, **16** and **25** are called square numbers. Is this statement always true: "The difference between a square number and a square number is always a square number"?

10. Is this statement always, sometimes, or never true: "The sum of two odd numbers is even"?