

Year 7 · 7.4 Decimals & Measurement — Learning objectives

What students should be able to do by the end of this unit.

1. I can understand place value in decimal numbers and compare / order decimals.
 2. I can add and subtract decimal numbers, keeping digits aligned by place value.
 3. I can read measurement scales correctly, including those using negative values.
 4. I can measure and calculate the perimeter of shapes given in decimal units.
 5. I can multiply and divide by powers of 10 (10, 100, 1000).
 6. I can convert between metric units of length (mm, cm, m, km), mass (mg, g, kg), and capacity.
 7. I can round whole numbers to the nearest 10, 100, or 1000.
 8. I can round decimals to 1, 2, or 3 decimal places.
 9. I can divide decimal numbers by whole numbers.
 10. I can choose the most appropriate unit of measurement for a given context.
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