



Year 5 Worksheet 5: Measurement (Perimeter, Area, Volume,

Level: Beginner

1. How many centimetres are in a metre?
2. How many grams in a kilogram?
3. What is the area of a 5cm by 4cm rectangle?
4. Estimate the capacity of a water bottle.
5. How many minutes in 2 hours?
6. Convert: $3\text{kg} = \underline{\hspace{1cm}} \text{g}$
7. What time is 1 hour after 2:30 pm?
8. Find the perimeter of a square with side 6cm.
9. Convert 150cm into metres.
10. Tick the best unit to measure the weight of a bag: g / kg / ml

[Use the space below to work out your answers. Show all your working.]



Year 5 Worksheet 5: Measurement (Perimeter, Area, Volume, ...)

Level: Intermediate

1. A shape has sides of 7cm, 4cm, 7cm, and 4cm. Find the perimeter.
2. Calculate: Area of 8cm by 3cm rectangle.
3. Convert: 2.5L = ____ ml
4. A jug holds 1.2L of juice. How many ml is that?
5. Convert: 3,500g = ____ kg
6. What is 10% of '150?
7. A train journey takes 1 hour 45 minutes. It starts at 09:20. When does it end?
8. Estimate: Is 3.4L closer to 3L or 4L?
9. Convert: 145 minutes = ____ hours and minutes
10. Find the area of a square with side 9cm.

[Use the space below to work out your answers. Show all your working.]



Year 5 Worksheet 5: Measurement (Perimeter, Area, Volume, ...)

Level: Difficult

1. A swimming pool is 25m long and 10m wide. Find the area.
2. A rectangular room is 6m by 4m. What is its perimeter?
3. Convert 3.75kg to grams.
4. A car travels 75km in 1.5 hours. What is the speed?
5. Add: $3.6\text{L} + 2.75\text{L} = ?$
6. Subtract: $45.80 - 19.35 = ?$
7. A film starts at 7:15pm and ends at 9:05pm. How long is it?
8. A cuboid has dimensions 5cm ' 4cm ' 3cm. Find the volume.
9. Convert 5,250ml to litres.
10. A bus leaves at 08:25 and arrives at 10:10. How long is the journey?

[Use the space below to work out your answers. Show all your working.]



Year 5 Worksheet 5: Measurement (Perimeter, Area, Volume, ...)

Level: Super Challenging

1. A field is 35m long and 18m wide. Find its area.
2. A parcel weighs 3.68kg. A second weighs 5.34kg. Total weight?
3. Convert 1.25 hours into minutes.
4. A classroom is 7m by 6.5m. What is the perimeter and area?
5. A bottle holds 1.8L of water. You drink 550ml. How much is left?
6. A rectangle has perimeter 34cm. One side is 10cm. Find the other side.
7. Subtract: $6.35\text{kg} - 2.48\text{kg} = ?$
8. A journey starts at 6:45am and lasts 2 hours 35 minutes. What time does it end?
9. A shape has sides: 3.2cm, 5.8cm, 3.2cm, and 5.8cm. Find the perimeter.
10. A tank holds 12L. It is filled with 7.5L. How much more can it hold?

[Use the space below to work out your answers. Show all your working.]