

Instructions for Centres

Length Centre

Task A: Estimating and Measuring Length

- Find an object whose length you would measure in millimetres.
Find an object whose length you would measure in centimetres.
Find another object whose length you would measure in metres.
- Estimate the length of each, then measure to check.
- How close were your estimates?
Is any object more than 100 cm long?
More than 2000 mm long? Explain.

Task B: Converting Between Units

- Find an object whose length you would measure in inches.
- Measure its length to the nearest inch,
then convert the measure to centimetres.
- Measure with a centimetre ruler to check your conversion.
- Find an object whose length you would measure in yards.
- Measure its length to the nearest yard,
then convert the measure to metres and to feet.
- Check your work. Describe the strategy you used.

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Perimeter Centre

Task A: Estimating and Measuring Perimeter

- Roll the number cubes.
Use the numbers rolled to make a two-digit number.
Record the number.
- Find something in the classroom that has a perimeter of about that many centimetres.
- Measure to check.
- How close was your estimate to the actual measure?

Task B: Drawing Shapes with the Same Perimeter

- Roll the number cubes.
Use one number for length and the other for width.
- Draw a rectangle on 1-cm grid paper with that length and width.
Find its perimeter.
- Draw three more shapes with the same perimeter.