

DMT INSTITUTE

Developing Mathematical Thinking Institute (DMTI)



Professional
Development



Curricular
Resources



Assessment

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Grade 1: Measurement

DMTI VARIED PRACTICE

DMTI Varied Practice Worksheets

This PowerPoint or PDF displays the worksheets that have varied situations (context, visual, equations, and other mathematical models) for children to work on. By completing these worksheets, children increase their foundational skills in the topic, which will help them with these standards and future mathematical topics.

1. If using a journal, have children present the worksheet and complete all the problems.
2. Or print the 'Varied Practice Worksheet Slides' for them to work on. Then, you can return to the PowerPoint or PDF to look at the keys to check their work.

Grade 1: Measurement

Materials Needed

Print Measuring Device Template

If not able to print the template, trace units on wax paper or patty paper.

Grade 1: Measurement

Instructions Part 1

1. Cut out measuring devices from the template (will use 3 of each color).
2. Find an object (inside or outside) that measures the same as 1 blue unit.
3. Find an object that is shorter than 1 blue unit.
4. Find an object that is longer/taller than 1 blue unit.
5. Repeat with 1 green unit.
6. Find an object that is the same/shorter/longer using 2 blue units.
7. Repeat with 2 green units.
8. Repeat process with 3 blue units and then 3 green units.
9. Repeat entire process trying to find different objects.

First have the child try to visually find an object by looking at the unit and visually searching for an object that is the same/longer/shorter. When an object of that length has been identified, then use the measuring unit/s to check the measurement.

Measuring Device Template

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

Grade 1: Measurement

Materials Needed

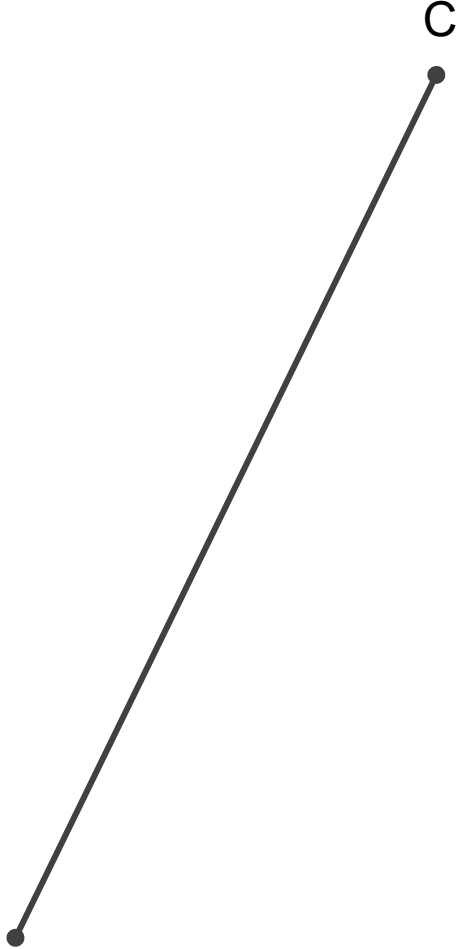
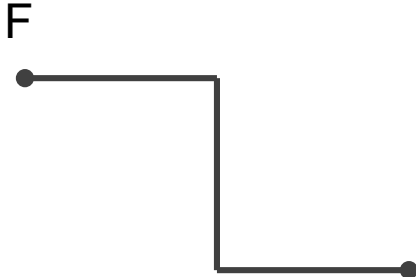
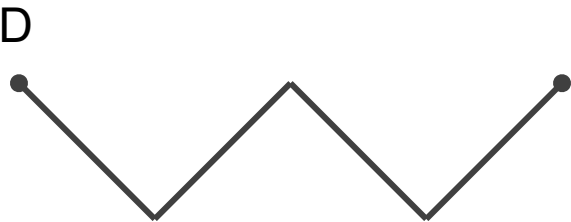
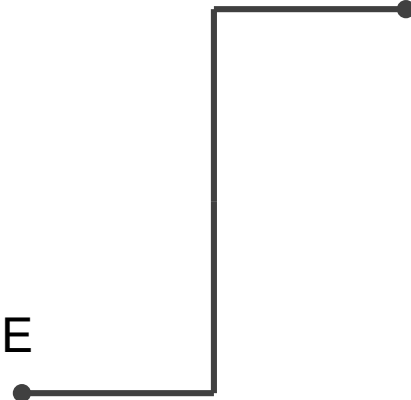
Print Varied Practice Worksheet 2.1 (if not able to print, trace figures on wax paper or patty paper)

Measuring device (string, yarn or cut a thin strip of paper)

Instructions

Part 2

1. Predict which pairs of figures have the same length.
2. Measure the lengths of the figures with your measuring device.
3. Find the pairs of figures that match.



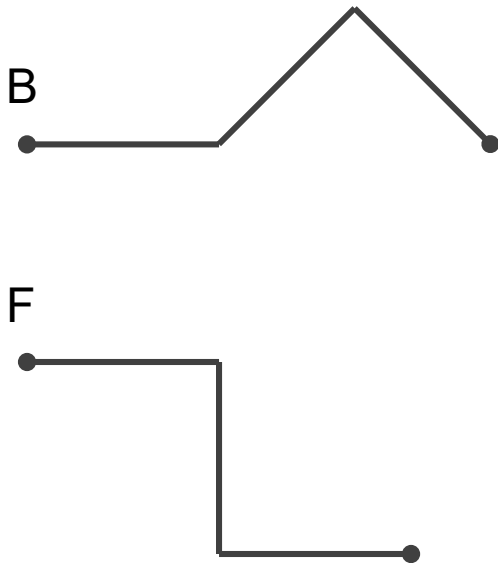


“The Developing Mathematical Thinking Institute (DMTI) is dedicated to enhancing students’ learning of mathematics by supporting educators in the implementation of research-based instructional strategies through high-quality professional development, curricular resources and assessments.”

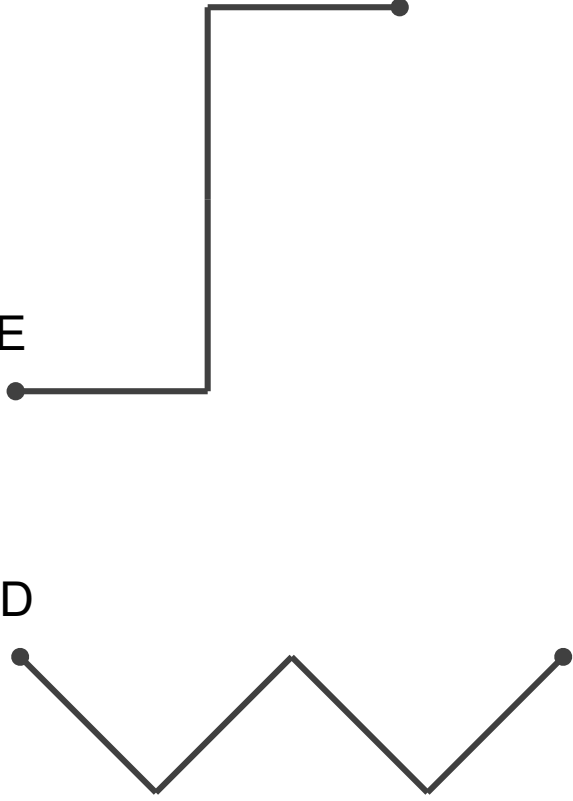
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B and F



E and D



A and C

