

# DMT INSTITUTE

Developing Mathematical Thinking Institute (DMTI)



Professional  
Development



Curricular  
Resources



Assessment

**Jonathan Brendefur, PhD**  
[jonathan@dmtinstitute.com](mailto:jonathan@dmtinstitute.com)

# Grade 1: Fluency-Doubles

---

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: Fluency-Doubles

---

## Materials Needed

Object to toss {coin, chip [DMTI math pack]}

Print Worksheet 1.1

Or...create the worksheet grid outside with sidewalk chalk

## Instructions

1. Place printed worksheet on the ground, on a table or draw grid outside.
2. Child gently tosses object onto the grid.
3. Child states the number in the box where the object lands, doubles the number and gives the composed number.

Example: Object lands in the box with the number 1. **“5 and 5 composes 10.”**

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16



“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.”

For more information contact  
Dr. Brendefur at [jonathan@dmtinstitute.com](mailto:jonathan@dmtinstitute.com)

