

DMT INSTITUTE

Developing Mathematical Thinking Institute (DMTI)



Professional
Development



Curricular
Resources



Assessment

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Grade PreK: Fluency-Make 5

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 PreK: Fluency-Make 5

Materials Needed

Objects to toss {coins, red/yellow chips [DMTI math pack]}

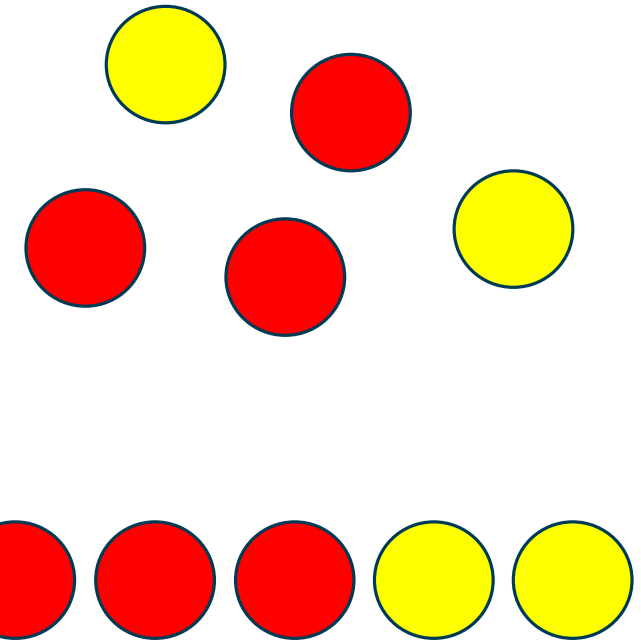
Blank paper; white board; side walk chalk

Instructions

Part 1

1. Use five objects (red/yellow chips or a coins-heads/tails)
2. Child gently tosses objects and then lines them up in like groups.
3. Child describes the two groups.

Example: “There are 3 red and 2 yellow. 3 and 2 compose 5.” or
“There are 3 heads and 2 tails. 3 and 2 compose 5.”



Grade PreK: Fluency-Make 5

Materials Needed

Objects to toss {coins, red/yellow chips [DMTI math pack]}

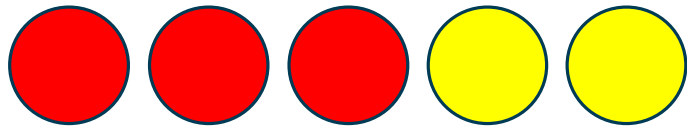
Blank paper; white board; side walk chalk

Instructions

Part 2 (optional)

1. After tossing objects, child can try to draw the combination and then describe the groups.

Example:



“There are 3 red and 2 yellow. 3 and 2 compose 5.”



“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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