

DMT INSTITUTE

Developing Mathematical Thinking Institute (DMTI)



Professional
Development



Curricular
Resources



Assessment

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Grade 2: Fluency-Benchmark

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 2: Fluency-Benchmark

Materials Needed

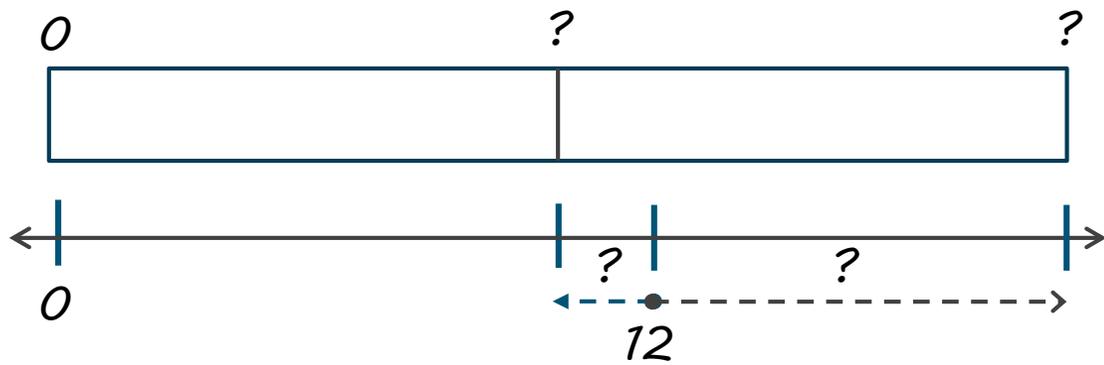
Print Varied Practice Worksheets 1.1-1.2

Scissors

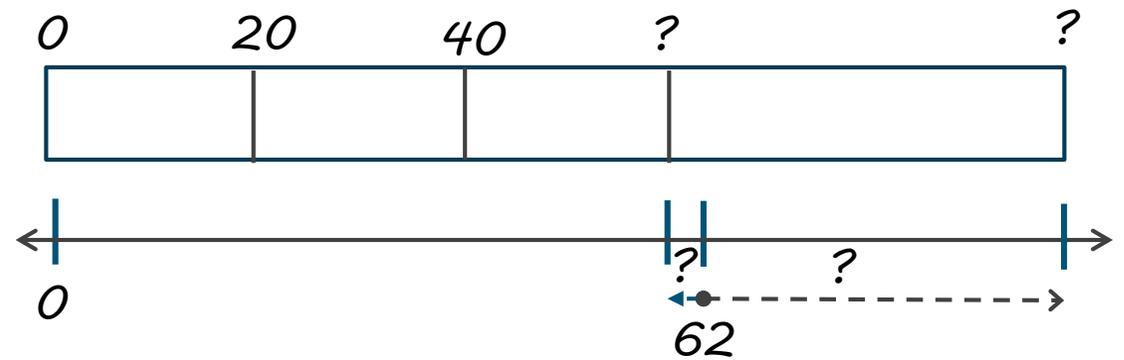
Instructions

1. Cut out the cards and place in a pile face down.
2. Turn over top card.
3. Determine the benchmarks (friendly numbers) and how far away from the benchmarks.
4. Use the sentence frame: I am at _____ and it takes _____ more/less to get to _____.

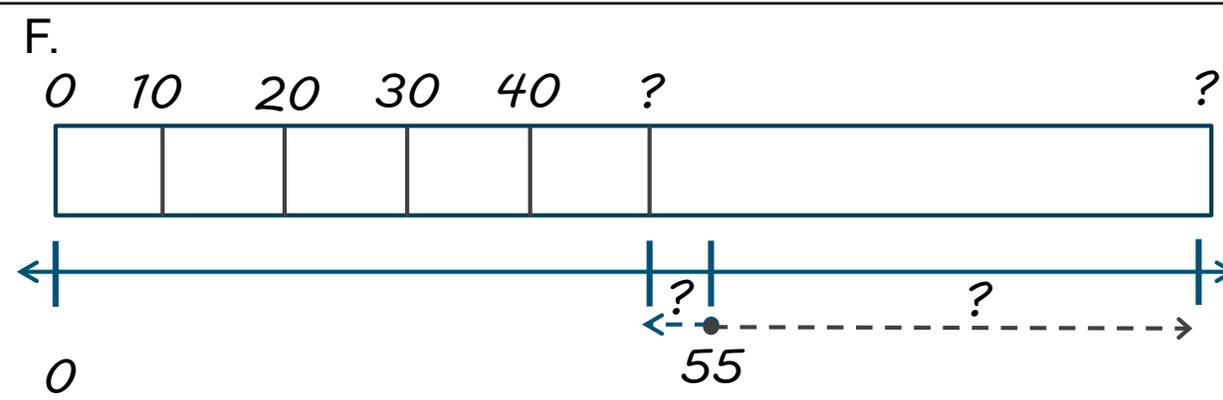
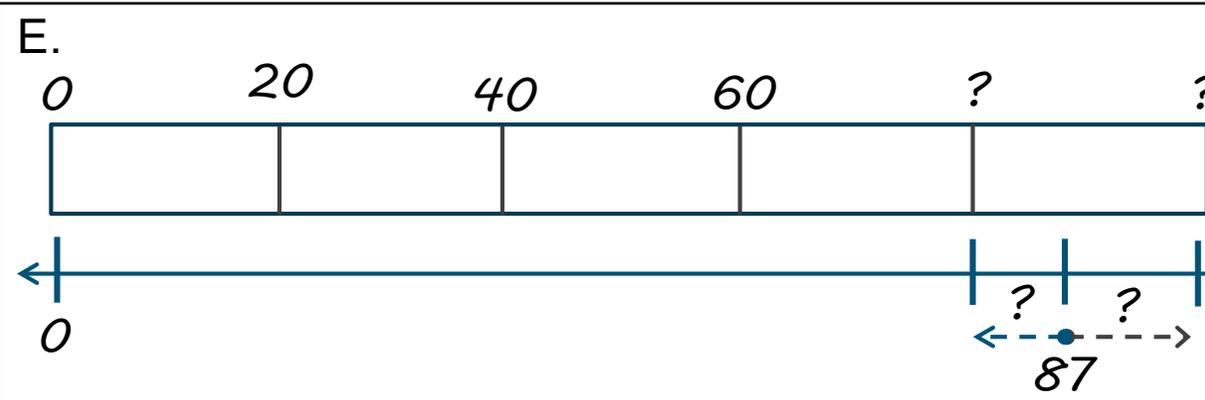
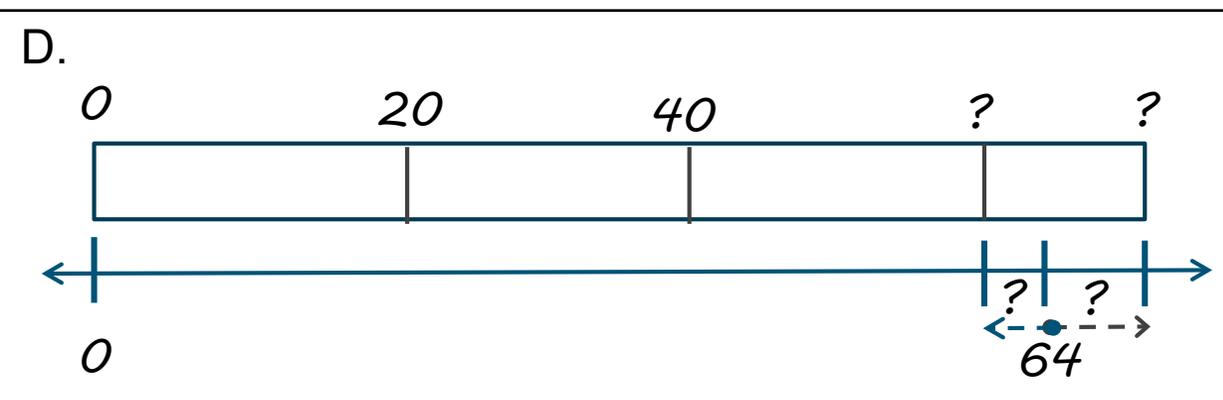
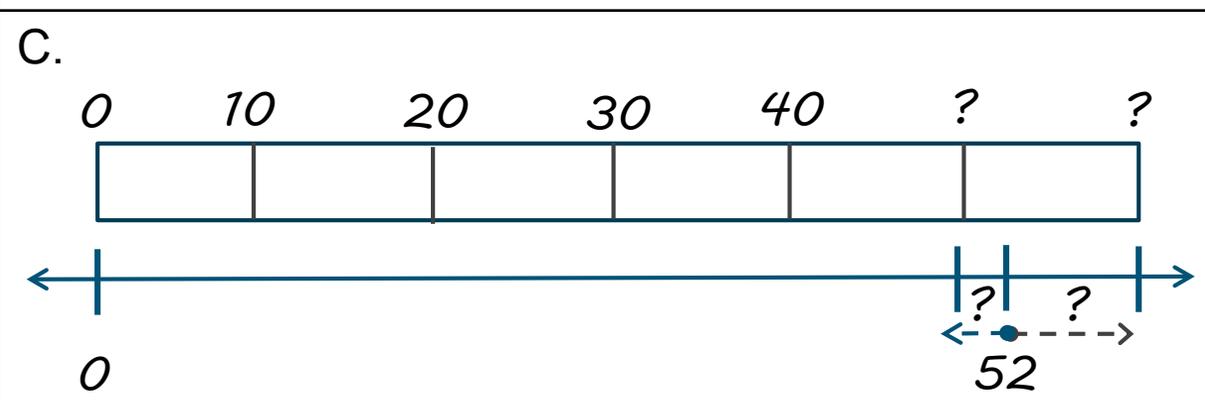
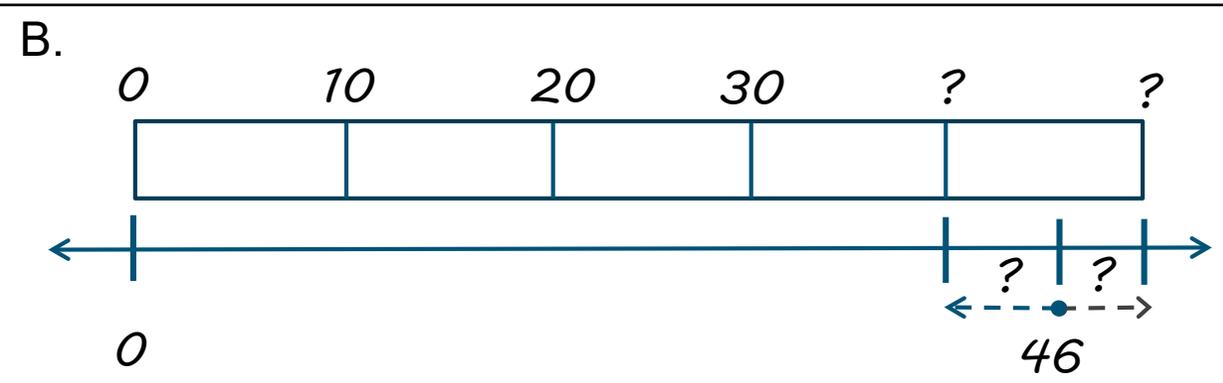
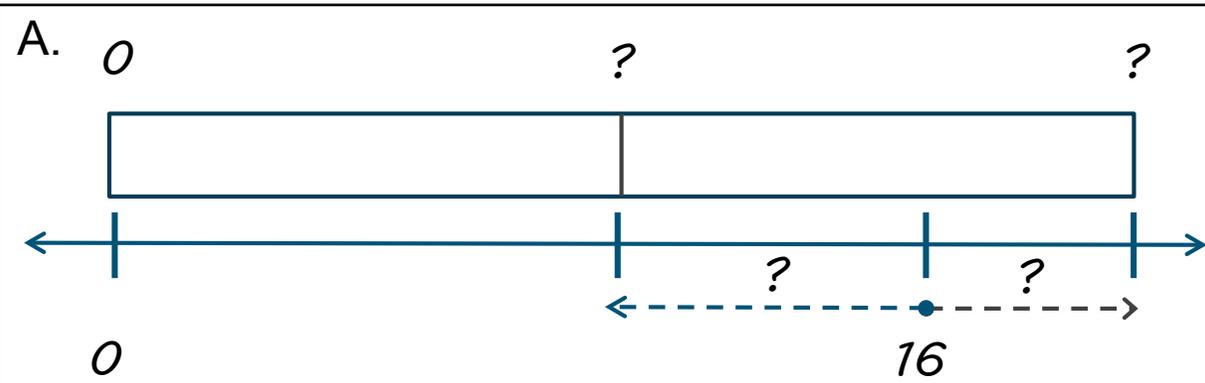
Examples: Fluency-Benchmark

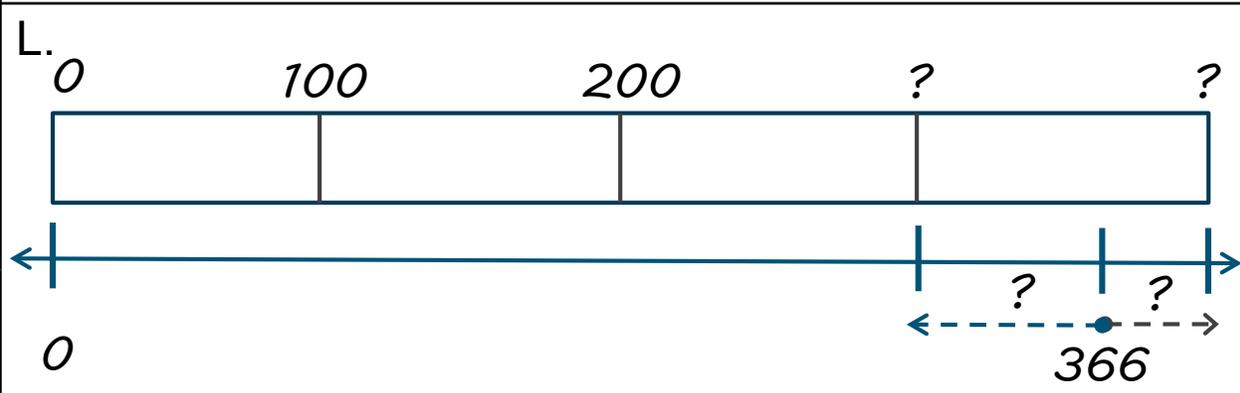
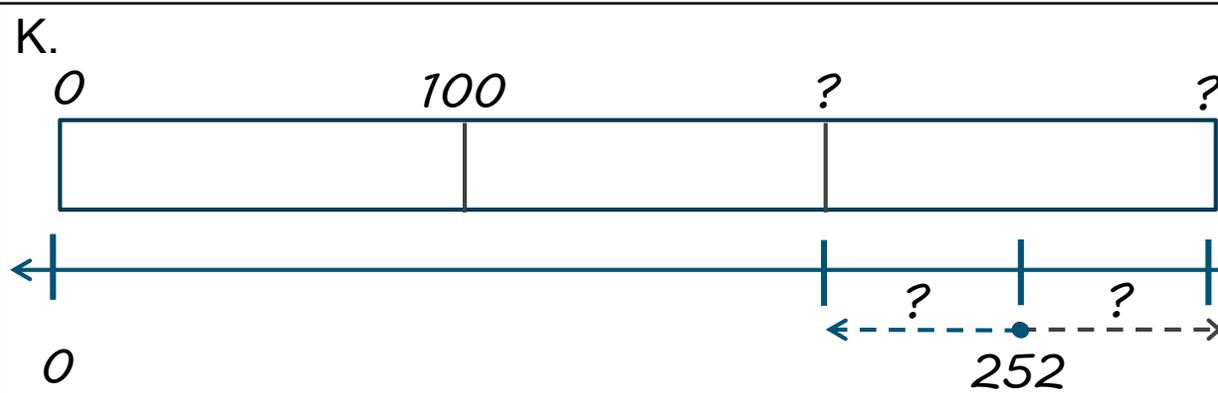
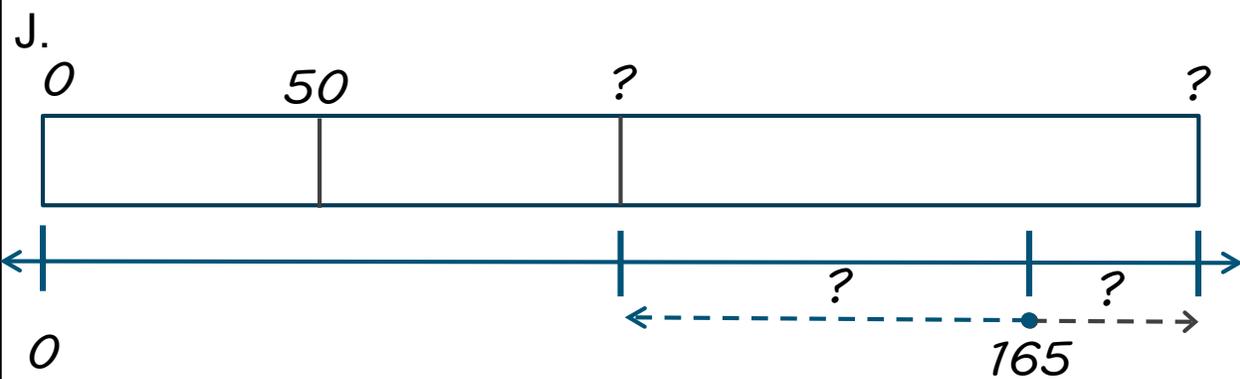
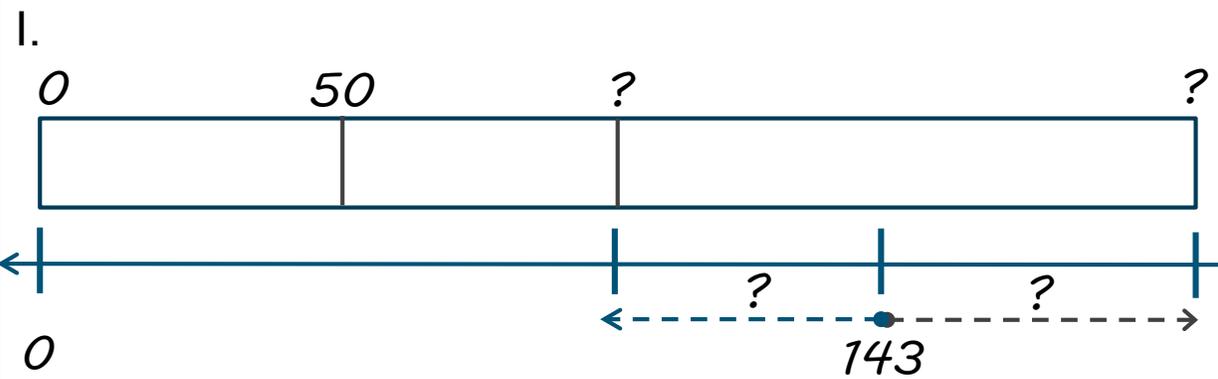
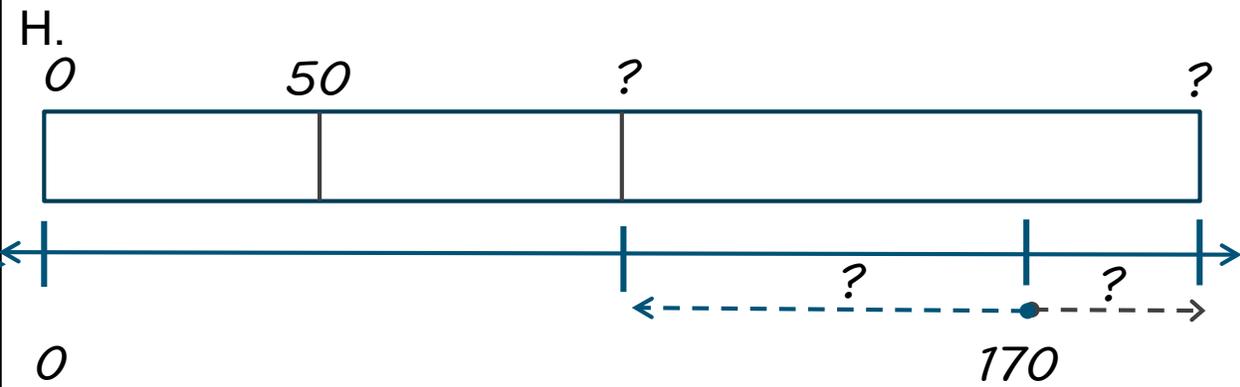
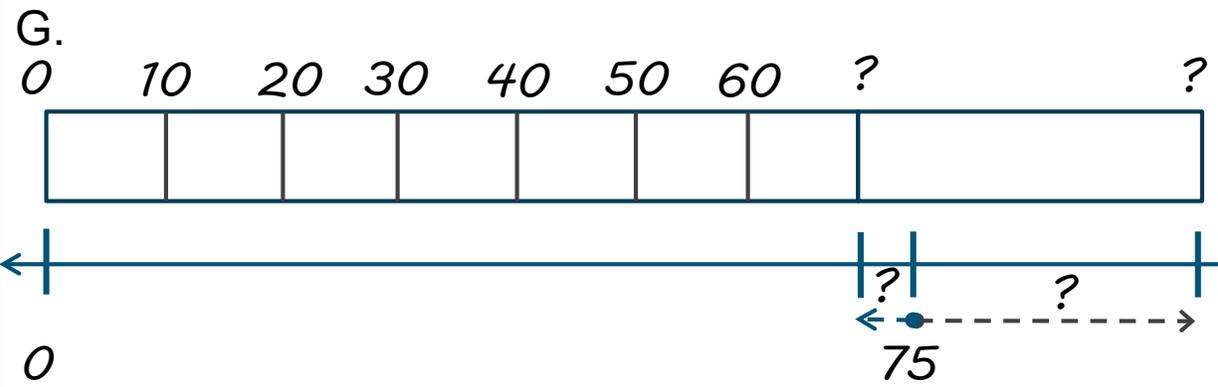


I am at 12 and it takes 8 more to get to 20.
I am at 12 and it takes 2 less to get to 10.



I am at 62 and it takes 38 more to get to 100.
I am at 62 and it takes 2 less to get to 60.







“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
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A.

I am at 16 and it takes 4 more to get to 20.
I am at 16 and it takes 6 less to get to 10.

B.

I am at 46 and it takes 4 more to get to 50.
I am at 46 and it takes 6 less to get to 40.

C.

I am at 52 and it takes 8 more to get to 60.
I am at 52 and it takes 2 less to get to 50.

D.

I am at 64 and it takes 6 more to get to 70.
I am at 64 and it takes 4 less to get to 60.

E.

I am at 87 and it takes 13 more to get to 100.
I am at 87 and it takes 7 less to get to 80.

F.

I am at 55 and it takes 45 more to get to 100.
I am at 55 and it takes 5 less to get to 50.

G.

I am at 75 and it takes 25 more to get to 100.
I am at 75 and it takes 5 less to get to 70.

H.

I am at 170 and it takes 30 more to get to 200.
I am at 170 and it takes 70 less to get to 100.

I.

I am at 143 and it takes 57 more to get to 200.
I am at 143 and it takes 43 less to get to 100.

J.

I am at 165 and it takes 35 more to get to 200.
I am at 165 and it takes 65 less to get to 100.

K.

I am at 252 and it takes 48 more to get to 300.
I am at 252 and it takes 52 less to get to 200.

L.

I am at 366 and it takes 34 more to get to 400.
I am at 366 and it takes 66 less to get to 300.