

Varied Fluency

Step 1: Part Whole Model

National Curriculum Objectives:

Mathematics Year 1: (1C1) [Represent and use number bonds and related subtraction facts within 20](#)

Mathematics Year 1: (1C2b) [Read, write and interpret mathematical statements involving addition \(+\), subtraction \(−\) and equals \(=\) signs](#)

Differentiation:

Developing Questions to support using a part whole model to show numerals up to 5 can be partitioned into two groups based on simple characteristics.

Expected Questions to support using a part whole model to show numerals up to 10 can be partitioned into two/three groups , including zero.

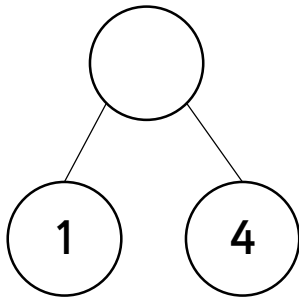
Greater Depth Questions to support using a part whole model to show numerals up to 20 can be partitioned into two/three groups, including zero.

More [Year 1 Addition and Subtraction](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

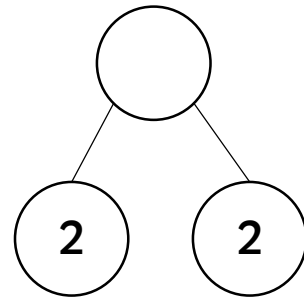
Varied Fluency – Part Whole Model

1a. Fill in the missing whole number.



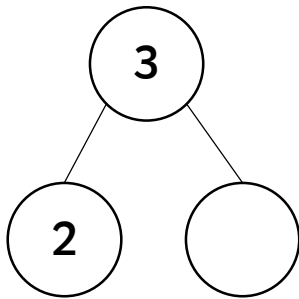
VF

1b. Fill in the missing whole number.



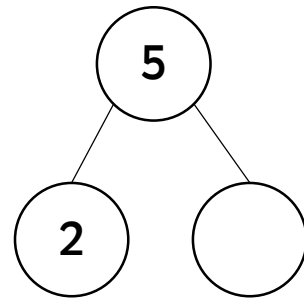
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2a. Fill in the missing part.



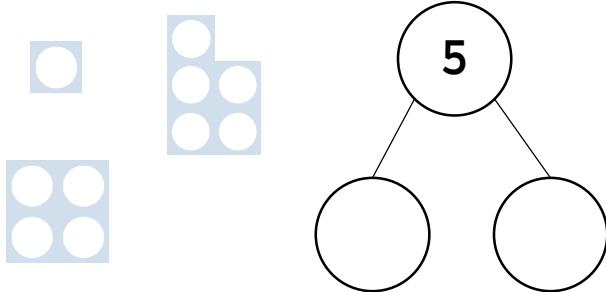
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2b. Fill in the missing part.



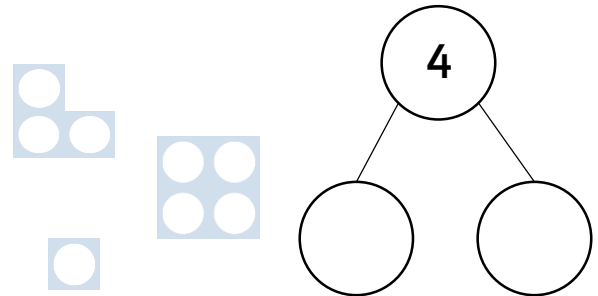
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3a. Use the numicon to fill in the missing parts on the part whole model.



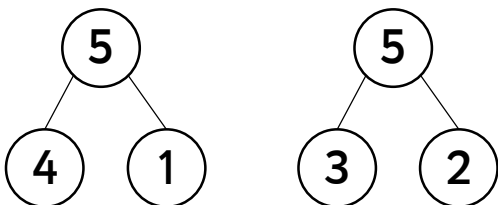
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3b. Use the numicon to fill in the missing parts on the part whole model.



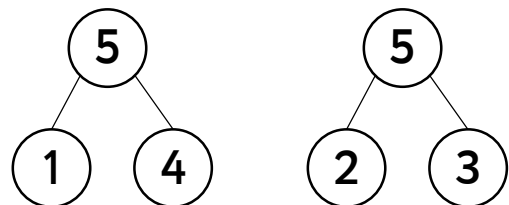
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4a. Circle the part whole model which shows $3 + 2 = 5$.



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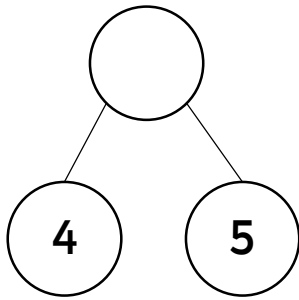
4b. Circle the part whole model which shows $1 + 4 = 5$.



VF

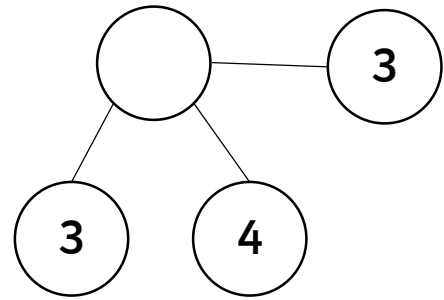
Varied Fluency – Part Whole Model

5a. Fill in the missing whole number.



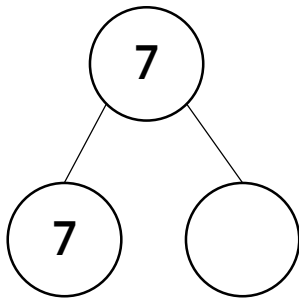
VF

5b. Fill in the missing whole number.



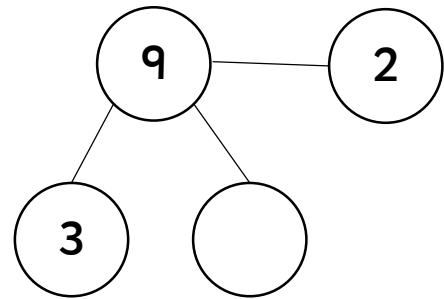
VF

6a. Fill in the missing part.



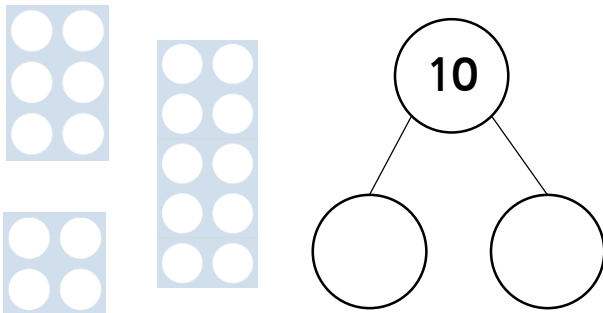
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6b. Fill in the missing part.



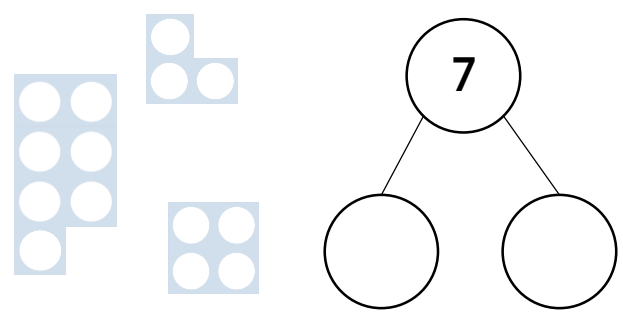
VF

7a. Use the numicon to fill in the missing parts on the part whole model.



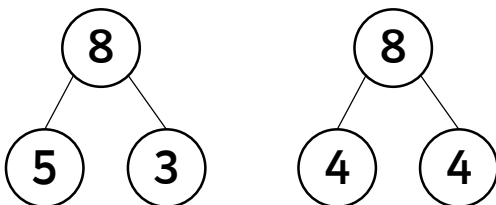
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7b. Use the numicon to fill in the missing parts on the part whole model.



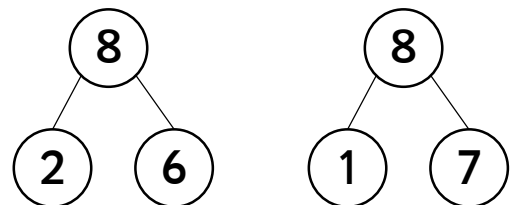
VF

8a. Circle the part whole model which shows $5 + 3 = 8$.



VF

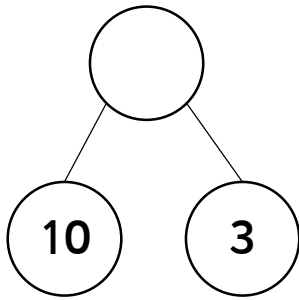
8b. Circle the part whole model which shows $2 + 6 = 8$.



VF

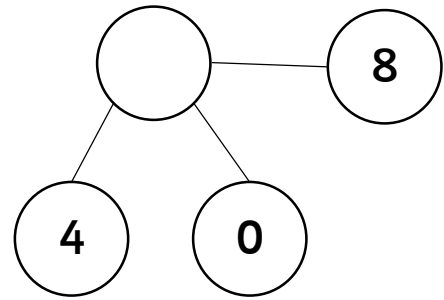
Varied Fluency – Part Whole Model

9a. Fill in the missing whole number.



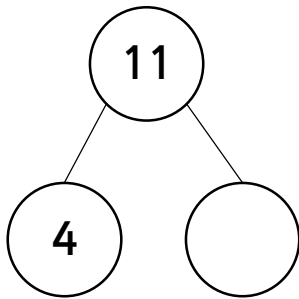
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9b. Fill in the missing whole number.



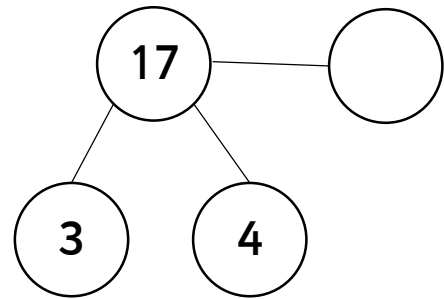
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10a. Fill in the missing part.



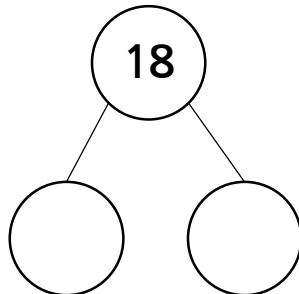
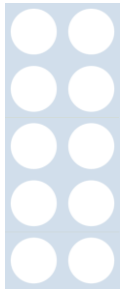
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10b. Fill in the missing part.



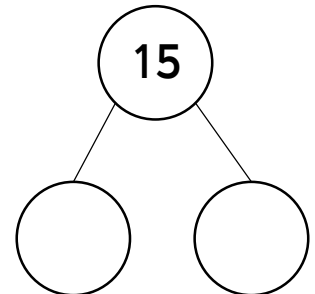
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11a. Use the numicon to fill in the missing parts on the part whole model.



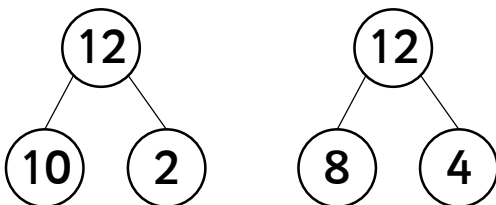
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11b. Use the numicon to fill in the missing parts on the part whole model.



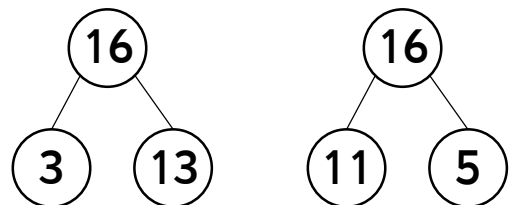
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12a. Circle the part whole model which shows $10 + 2 = 12$.



VF

12b. Circle the part whole model which shows $11 + 5 = 16$.



VF

Varied Fluency – Part Whole Model

Developing

1a. 5

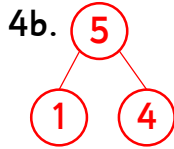
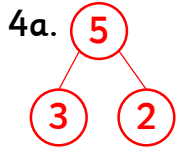
1b. 4

2a. 1

2b. 3

3a. 1, 4

3b. 1, 3



Expected

5a. 9

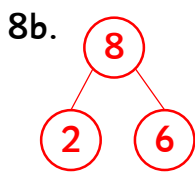
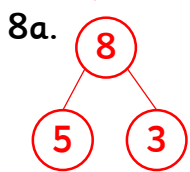
5b. 10

6a. 0

6b. 4

7a. 4, 6

7b. 3, 4



Greater Depth

9a. 13

9b. 12

10a. 7

10b. 10

11a. 10, 8

11b. 9, 6

