

Homework/Extension

Step 10: Finding a Part

National Curriculum Objectives:

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

Mathematics Year 1: (1C2a) [Add and subtract one-digit and two-digit numbers to 20, including zero](#)

Mathematics Year 1: (1C4) [Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as \$7 = - 9\$](#)

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Draw counters to complete the part-whole models within 10, using objects and numerals. Number tracks are provided for support.

Expected Draw counters to complete the part-whole models within 10, using objects and numerals including zero.

Greater Depth Draw counters to complete the part-whole models within 10, using numerals and words including zero when the whole is made of three parts.

Questions 2, 5 and 8 (Varied Fluency)

Developing Use the cards to complete the part-whole models within 10, using objects and numerals. Number tracks are provided for support.

Expected Use the cards to complete the part-whole models within 10, using objects and numerals, including zero.

Greater Depth Use the cards to complete the part-whole models within 10, using numerals and words, including zero and a whole made up of three parts.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

Developing Explain which number will complete the part-whole model within 10, using objects and numerals. Number tracks are provided for support.

Expected Explain which number will complete the part-whole model within 10, using objects and numerals, including zero.

Greater Depth Explain which number will complete the part-whole model within 10, using numerals and words, including zero and a whole made up of three parts.


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

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






Finding a Part




1. The whole is always 7.

A.

B.

C.		
		
		

Draw the missing parts to complete the ten frame.



0	1	2	3	4	5	6	7	8	9	10
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VF
HW/Ext

2. Use the cards to complete the part-whole models.

1

A.

A diagram showing three circles connected by lines. The left circle contains the number 6. The top-right circle is empty. The bottom-right circle contains 6 blue dots.

B.

A number bond diagram consisting of three circles. The top circle contains the number 9. The bottom-left circle contains four heart emojis. The bottom-right circle is empty.

c.

1

5



0	1	2	3	4	5	6	7	8	9	10
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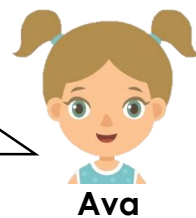
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HW/Ext

3. Seb and Ava are trying to complete the part-whole model below.



The part is 3.

The part is 4.



Who is correct? Explain why.

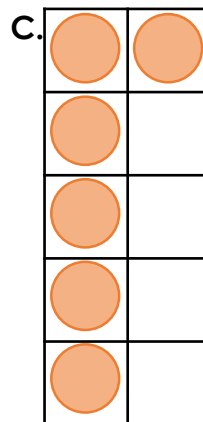
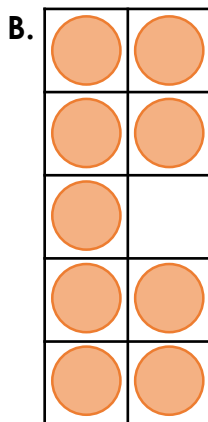
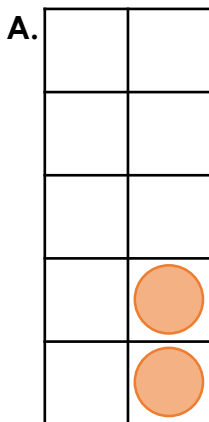


0	1	2	3	4	5	6	7	8	9	10
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Finding a Part

4. The whole is always 9.

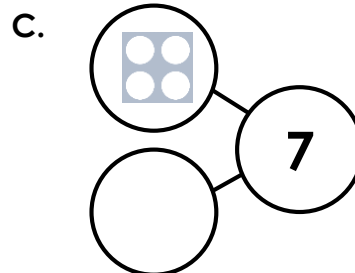
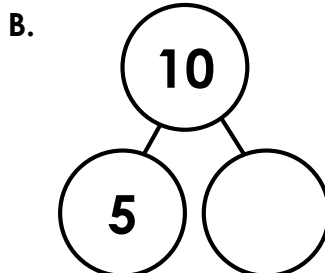
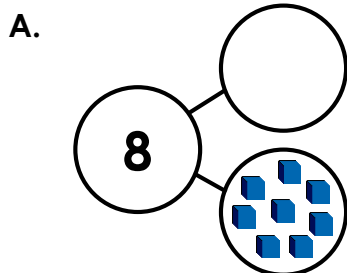
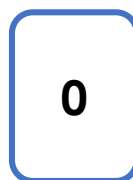
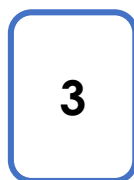
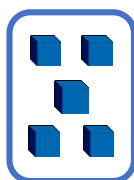


Draw the missing parts to complete the ten frame.



VF
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5. Use the cards to complete the part-whole models.

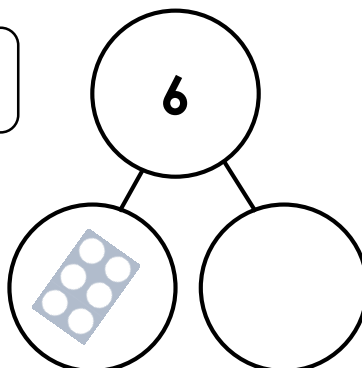


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6. Jed and Zoya are trying to complete the part-whole model below.



The part is 6.



The part is 0.



Zoya

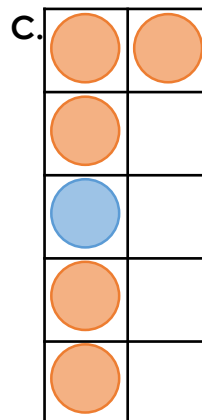
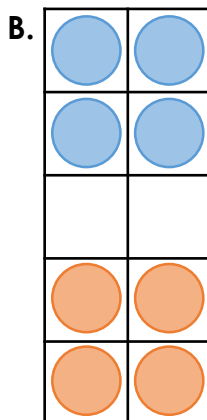
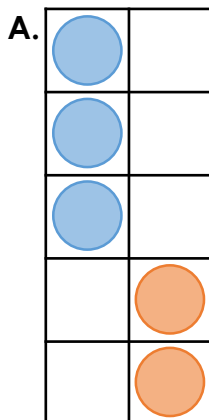
Who is correct? Explain why.



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Finding a Part

7. The whole is always 8.



Draw the missing parts to complete the ten frame.

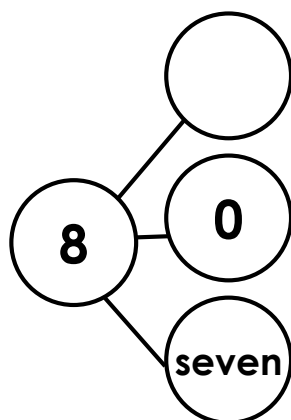


VF
HW/Ext

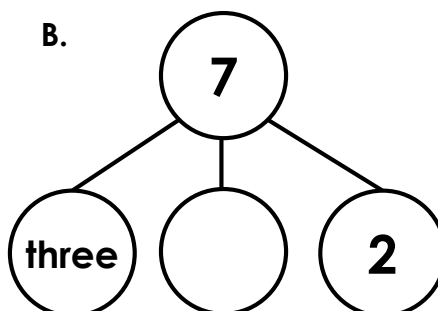
8. Use the cards to complete the part-whole models.



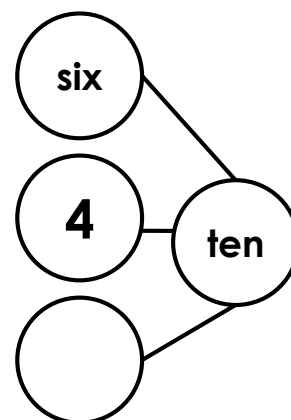
A.



B.



C.



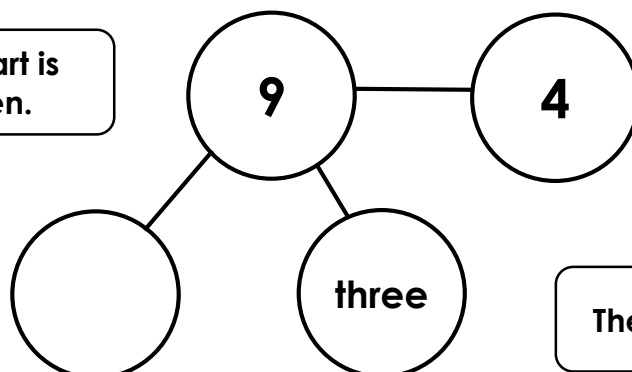
VF
HW/Ext

9. Leah and Max are trying to complete the part-whole model below.

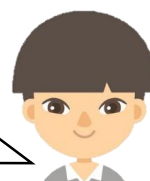


Leah

The part is seven.



The part is 2.



Max

Who is correct? Explain why.



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Homework/Extension

Finding a Part

Developing

1. A – 6 counters drawn; B – 2 counters drawn; C – 4 counters drawn.
2. A – 1; B – 5; C – 4
3. Seb is correct because the part is 5. $5 + 3 = 8$

Expected

4. A – 7 counters drawn; B – 0 counters drawn; C – 3 counters drawn.
5. A – 0; B – 5; C – 3
6. Zoya is correct because the part is 6. $6 + 0 = 6$

Greater Depth

7. A – 3 counters drawn; B – 0 counters drawn; C – 2 counters drawn.
8. A – 1; B – 2; C – 0
9. Max is correct because the parts equal 7. $4 + 3 + 2 = 9$