Homework/Extension
Step 2: Find and Make Number Bonds

National Curriculum Objectives:

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

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Match the related number bonds and find the odd one out when making number bonds to 20. Representations displayed using pictorial support.
Expected Match the related number bonds and find the odd one out when making number bonds to 20. Representations include numerals and some pictorial support.
Greater Depth Complete and match the related number bonds to find the odd one out when making number bonds to 20. Representations include part-whole models with numerals, words and limited pictorial support.

Questions 2, 5 and 8 (Varied Fluency)
Developing Match the correct number sentence to the related number bonds to 20. Number bonds represented using pictorial support and numerals.
Expected Match the correct number sentence to the related number bonds to 20. Number bonds represented using some pictorial support and numerals.
Greater Depth Complete and match the number sentence to the related number bonds to 20. Number bonds represented using part-whole model, bar model and statement.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Prove if the statement is correct when identifying the different ways of representing a number using number bonds. Pictorial support provided and statement includes numerals only.
Expected Prove if the statement is correct when identifying the different ways of representing a number using number bonds. Statement includes numerals only.
Greater Depth Prove if the statement is correct when identifying the different ways of representing a number using number bonds. Statement includes numerals and words.
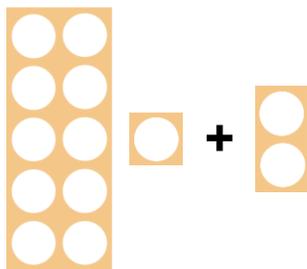
More Year 1 Addition and Subtraction resources.

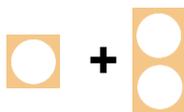## Did you like this resource? Don't forget to review it on our website.

Find and Make Number Bonds

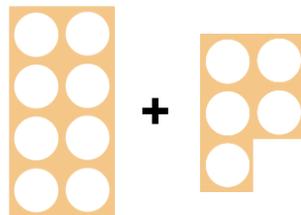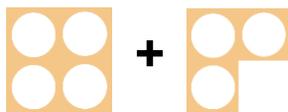**1. Match the related number bonds to find the odd one out.**

A.

B.

C.

D ☆

VF
HW/Ext

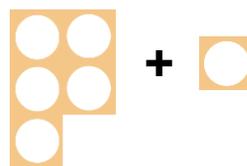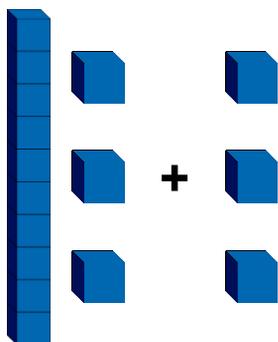
2. Match the representations to a related number bond.

A.

B.

C.

| 14 + 3 | 15 + 1 | 12 + 6 | 2 + 7 |

D ☆

VF
HW/Ext

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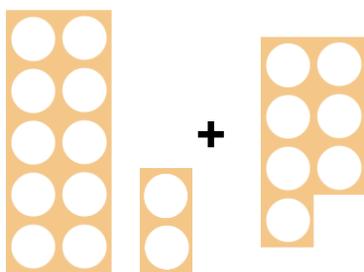
3. Emma says,

I know 1 + 3 = 4. I think there is only 1 more way of representing 4.

Is she correct? Prove it.

D ☆

RPS
HW/Ext

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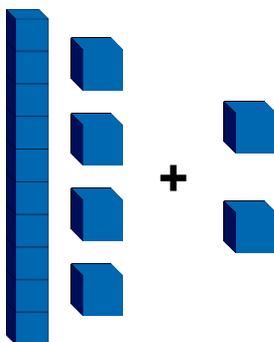Homework/Extension – Find and Make Number Bonds – Year 1 Developing

Find and Make Number Bonds

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4. Match the related number bonds to find the odd one out.

A.

 +

B.

 +

C.

 +
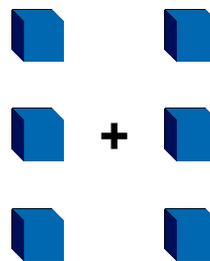
VF
HW/Ext

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5. Match the representations to a related number bond.

A.

 +

B.
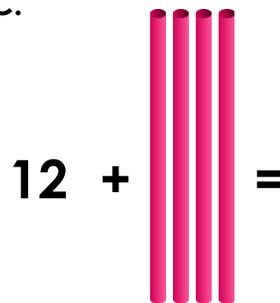
 +

C.

12 + =
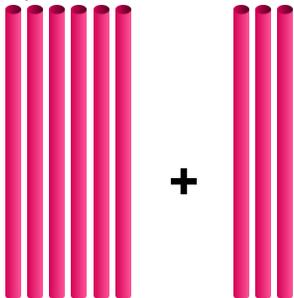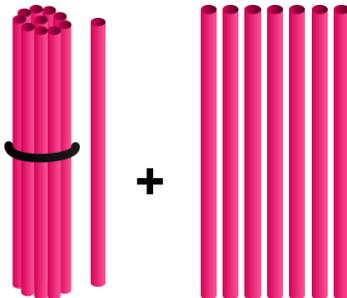
| 2 + 4 | 1 + 7 | 13 + 6 | 6 + 2 |

VF
HW/Ext

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6. Jack says,

> I know 11 + 4 = 15. I think there are 4 more ways of representing 15.
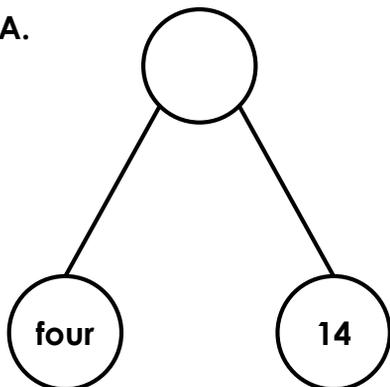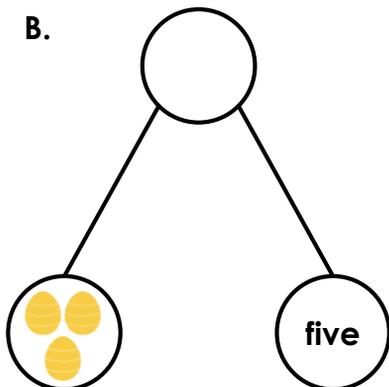
Is he correct? Prove it.

RPS
HW/Ext

Find and Make Number Bonds

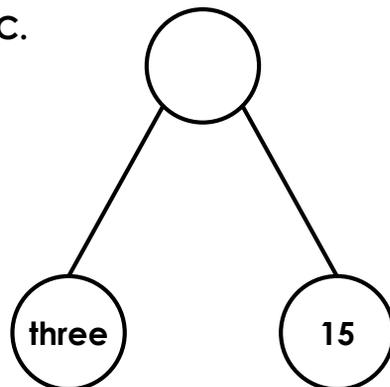## 7. Complete and match the related number bonds to find the odd one out.

A.

four   14

B.

     five

C.

three   15

VF
HW/Ext

8. Complete the representations and then match them to a related number bond.

A.

9

    two

B.

Twenty	
9	
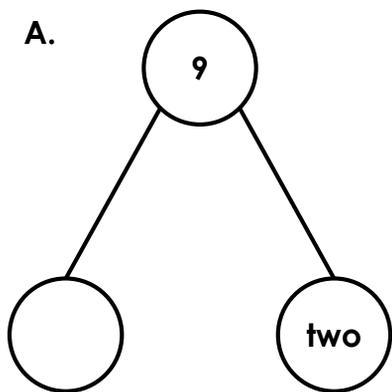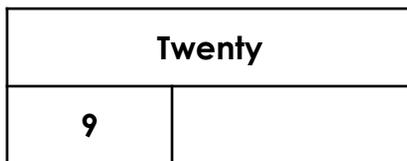
C.

☐ + thirteen = 19

17 + 2   nine + 1   3 + six   ten + 10

VF
HW/Ext

9. Olivia says,

I know six + thirteen = nineteen. I think there are only six more ways of representing 19.

Is she correct? Prove it.

RPS
HW/Ext

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Homework/Extension – Find and Make Number Bonds – Year 1 Greater Depth

Developing

1. A and B match. C is the odd one out.

2. A = 14 + 3; B = 2 + 7; C = 15 + 1

3. Emma is incorrect because there are five ways of representing 4. They are: 0 + 4 = 4; 1 + 3 = 4; 2 + 2 = 4; 3 + 1 = 4; 4 + 0 = 4.

Expected

4. A and C match. B is the odd one out.

5. A = 13 + 6; B = 1 + 7; C = 2 + 4

6. Jack is incorrect because there are sixteen ways of representing 15. They are: 0 + 15 = 15; 1 + 14 = 15; 2 + 13 = 15; 3 + 12 = 15; 4 + 11 = 15; 5 + 10 = 15; 6 + 9 = 15; 7 + 8 = 15; 8 + 7 = 15; 9 + 6 = 15; 10 + 5 = 15; 11 + 4 = 15; 12 + 3 = 15; 13 + 2 = 15; 14 + 1 = 15; 15 + 0 = 15.

Greater Depth

7. A = 18; B = 8; C = 18. B and C match. A is the odd one out.

8. The representations should be completed as:

A.

```
        9
      /   \
    7      two
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B.
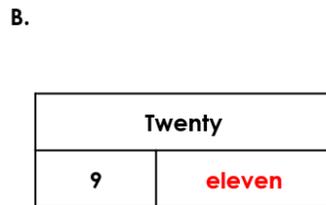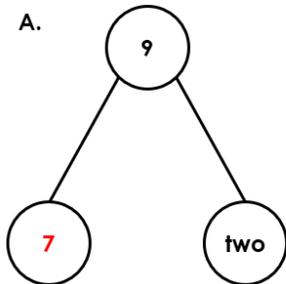
Twenty	
9	eleven

C.

| 6 | + thirteen = 19 |

The related facts are: A = 17 + 2; B = nine + 1; C = 3 + six

9. Olivia is incorrect because there are twenty ways of representing 19. They are: 0 + 19 = 19; 1 + 18 = 19; 2 + 17 = 19; 3 + 16 = 19; 4 + 15 = 19; 5 + 14 = 19; 6 + 13 = 19; 7 + 12 = 19; 8 + 11 = 19; 9 + 10 = 19; 10 + 9 = 19; 11 + 8 = 19; 12 + 7 = 19; 13 + 6 = 19; 14 + 5 = 19; 15 + 4 = 19; 16 + 3 = 19; 17 + 2 = 19; 18 + 1 = 19; 19 + 0 = 19.