Homework/Extension
Step 4: Number Bonds within 10

National Curriculum Objectives:

Mathematics Year 1: (1C1) Represent and use number bonds and related subtraction facts within 20
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 Identify the correct number bonds within 10 using pictorials.
Expected Identify the correct number bonds within 10, using pictorials and numbers.
Greater Depth Identify the correct number bonds within 10, using numerals and words.

Questions 2, 5 and 8 (Varied Fluency)
Developing Decide if the number bonds within 10 have been found using pictorials.
Expected Decide if the number bonds within 10 have been found, using pictorials and numbers.
Greater Depth Decide if the number bonds within 10 have been found, using numerals.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Find and match number bonds within 10 using pictorials.
Expected Find and match number bonds within 10, using pictorials and numbers.
Greater Depth Find and match number bonds within 10, using limited pictorials, numerals and words.

More Year 1 Addition and Subtraction resources.

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

Number Bonds within 10

1. Tick the correct number bonds to 5.

A ☐ 🐌🐌 + 🦔🦔🦔

B ☐ 🐛🐛🐛 + ✏️✏️✏️✏️

C ☐ 🧁🧁🧁🧁 + 🐸

⭐ D
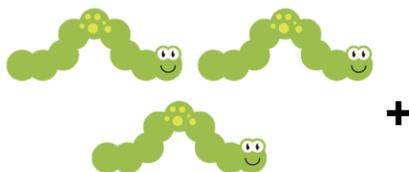
2. True or false? Jen has all the Numicon that she needs to show all number bonds to 4.

⭐ D
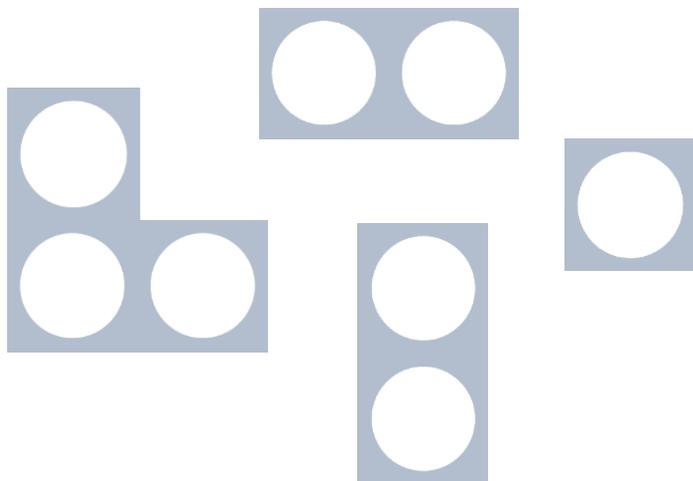
3. Match the number cards to the children.

🍓🍓

Eve: I add 3 to make 5

Dan: I add 4 to make 7

A. 🍓🍓🍓🍓

B. 🧁🧁🧁

⭐ D

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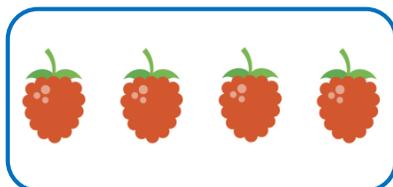
Number Bonds within 10

4. Tick the correct number bonds to 7.

A ☐   5 + <image: two-frame with 2 white circles>

B ☐   <image: 5 pencils> + 3

C ☐   4 + <image: 3 ladybirds>
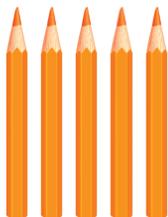
**5. True or false? Tom has shown all the number bonds to 7.**

<image: 6 cupcakes> and 0

6 and <image: 1 ladybird>

<image: 6 dots> and <image: 1 dot>

5 and 2
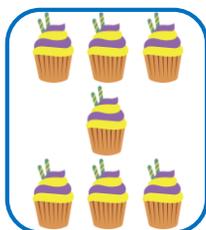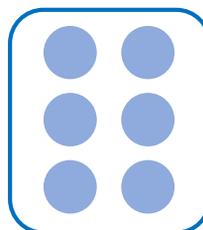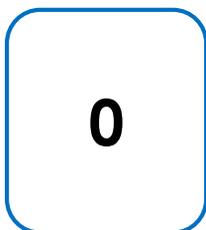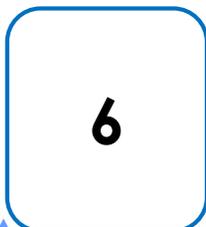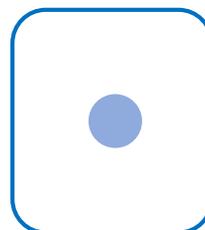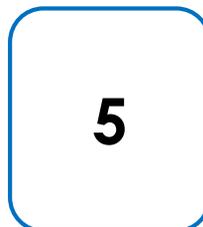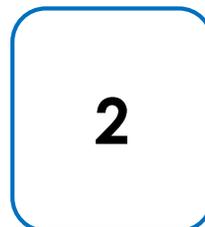
6. Match the number cards to the children.

<image: ten frame with 2 blue counters>
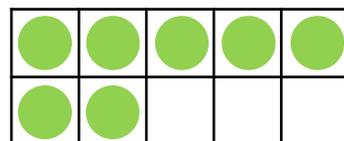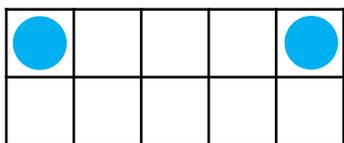
Kim — I add 6 to make 8

<image: ten frame with 7 green counters>

Finn — I add 3 to make 10

A. <image: ten frame with 3 purple counters>

B. <image: ten frame with 6 red counters>

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Homework/Extension – Number Bonds within 10 – Year 1 Expected
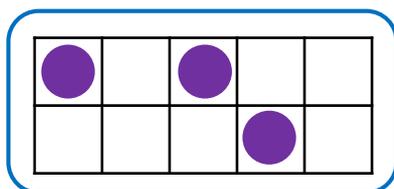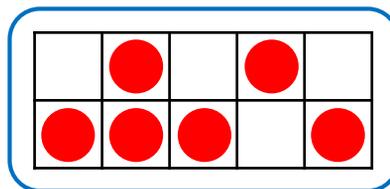
Number Bonds within 10

7. Tick the correct number bonds to 8.

A ☐   four   +   5

B ☐   two   +   six

C ☐   2   +   seven

D ☐   five   +   3

GD

VF
HW/Ext

8. True or false? Jess needs 1 more card to make all the number bonds to 9.

7   6   4   9

0   2   5   6

1   8

GD

VF
HW/Ext

9. Match the number cards to the children.

4   1

I add this to make eight

Amy

I add this to make nine

Will

A.

B.

GD

RPS
HW/Ext

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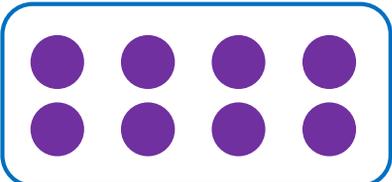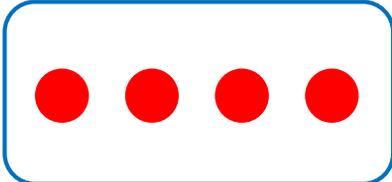
Homework/Extension – Number Bonds within 10 – Year 1 Greater Depth

Developing

1. **A and B**
2. **False, Jen can make 1 + 3, 3 +1 and 2 + 2, but she needs Numicon 4 to make 4 + 0 and 0 + 4.**
3. **A. Dan; B. Eve**

Expected

4. **A and C**
5. **False, Tom has shown the same number bond twice and forgotten one: 4 + 3 = 7**
6. **A. Finn, B. Kim**

Greater Depth

7. **B and D**
8. **True, Sam has two cards with number 6 so doesn't have all the numbers to make all the number bonds to 9. She needs a number 3 card.**
9. **A. Will; B. Amy**