

# Homework/Extension

## Step 3: Compare Number Sentences

### National Curriculum Objectives:

Mathematics Year 2: (2C1) [Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100](#)

Mathematics Year 2: (2C4) [Solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods](#)

### Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

**Developing** Write calculations which match given images and complete the pattern. Includes numbers to 10. Pictorial support.

**Expected** Write calculations which match given images and complete the pattern. Includes numbers to 20. Pictorial support.

**Greater Depth** Write calculations to complete a pattern. Includes numbers to 20.

Questions 2, 5 and 8 (Varied Fluency)

**Developing** Insert the correct inequality symbol to complete the additions. Includes numbers to 10. Pictorial support.

**Expected** Insert the correct inequality symbol to complete the additions and subtractions. Includes numbers to 20.

**Greater Depth** Insert the correct inequality symbol to complete the additions and subtractions. Includes numbers to 20, in numerals, words and conventional partitioning (e.g. 13 = 1 ten and 3 ones).

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

**Developing** Use cards to fill in the missing digits and symbols when comparing two addition and subtraction statements. Includes numbers to 10. Pictorial support.

**Expected** Use cards to fill in the missing digits and symbols when comparing two addition and subtraction statements. Includes numbers to 20.

**Greater Depth** Use cards to fill in the missing digits and symbols when comparing three addition and subtraction statements. Includes numbers to 20, in numerals, words and conventional partitioning (e.g. 13 = 1 ten and 3 ones).

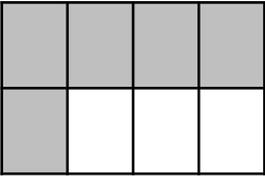
More [Year 2 Addition and Subtraction](#) resources.

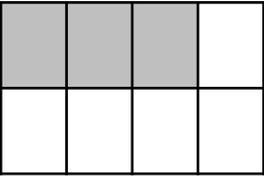
Did you like this resource? Don't forget to [review](#) it on our website.

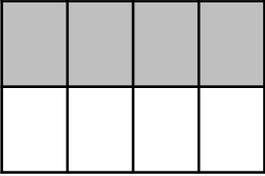
# Compare Number Sentences

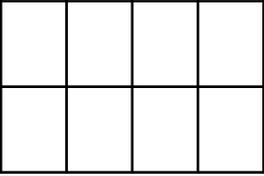
1. Use the diagrams to complete the calculations.

Complete the fourth diagram and calculation so that it follows the pattern.

A.   $\square + \square = 8$

C.   $3 + \square = \square$

B.   $\square + 4 = \square$

D.   $\square + \square = \square$



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2. Complete the equations by using < or >.

  $5 + \img alt="3 dots in a 2x2 grid with top-right missing" data-bbox="360 405 415 450"/> \square$

$\img alt="4 dots in a 2x2 grid with top-right missing" data-bbox="585 405 640 450"/> + \img alt="3 dots in a 2x2 grid with top-right missing" data-bbox="785 405 840 450"/> \square$

$\img alt="5 dots in a 2x2 grid with top-right missing" data-bbox="155 512 210 567"/> + \img alt="2 dots in a horizontal row" data-bbox="360 545 415 570"/> \square$

$\img alt="6 dots in a 2x3 grid with top-right missing" data-bbox="585 512 640 567"/> + \img alt="2 dots in a horizontal row" data-bbox="785 545 840 570"/> \square$

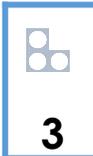
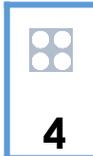


VF  
HW/Ext

3. Use the cards to complete the statements below.

$\img alt="4 dots in a 2x2 grid with top-right missing" data-bbox="65 667 160 741"/> + \img alt="3 dots in a 2x2 grid with top-right missing" data-bbox="215 667 310 741"/> < \img alt="4 dots in a 2x2 grid with top-right missing" data-bbox="370 667 465 741"/> + \square < \square + \img alt="5 dots in a 2x2 grid with top-right missing" data-bbox="835 667 930 741"/>$

$\img alt="9 dots in a 3x3 grid with top-right missing" data-bbox="65 754 160 828"/> - \square = \img alt="8 dots in a 3x3 grid with top-right missing" data-bbox="370 754 465 828"/> - \square = \img alt="7 dots in a 3x3 grid with top-right missing" data-bbox="680 754 775 828"/> - \img alt="3 dots in a 2x2 grid with top-right missing" data-bbox="835 754 930 828"/>$

  $3$    $4$    $4$    $4$    $5$

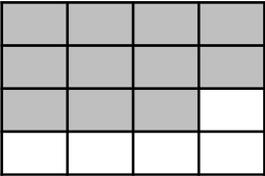


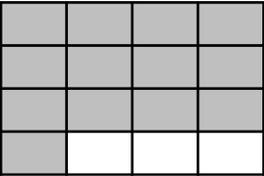
RPS  
HW/Ext

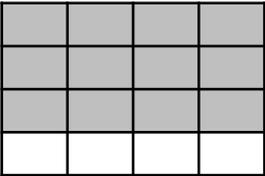
# Compare Number Sentences

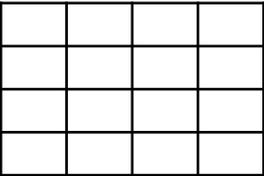
4. Use the diagrams to complete the calculations.

Complete the fourth diagram and calculation so that it follows the pattern.

A.   $\square + \square = \square$

C.   $\square + \square = \square$

B.   $\square + \square = \square$

D.   $\square + \square = \square$



VF  
HW/Ext

5. Complete the equations by using  $<$ ,  $>$  or  $=$ .

$$12 + 4 \quad \square \quad 11 + 5$$

$$19 - 4 \quad \square \quad 20 - 4$$

$$9 + 4 \quad \square \quad 8 + 4$$

$$14 - 7 \quad \square \quad 15 - 8$$



VF  
HW/Ext

6. Use the cards to complete the statements below.

$$15 - 4 = 14 - \square = 1 \square - 2$$

$$1 \square + 4 > 11 + 3 \square \quad 11 + 2$$

3

1

>

3



RPS  
HW/Ext

# Compare Number Sentences

7. Complete the calculations so that they follow a pattern.

A.  $\boxed{15} + \boxed{3} = \boxed{\phantom{00}}$

C.  $\boxed{\phantom{00}} + \boxed{5} = \boxed{18}$

B.  $\boxed{14} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$

D.  $\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$



VF  
HW/Ext

8. Complete the equations by using  $<$ ,  $>$  or  $=$ .

1 ten and 7 ones	+	3 ones	$\boxed{\phantom{00}}$	10	+	9 ones
1 ten and 1 one	-	4 ones	$\boxed{\phantom{00}}$	1 ten and 5 ones	-	8
20	-	9 ones	$\boxed{\phantom{00}}$	5 ones	+	7 ones
8 ones	+	5 ones	$\boxed{\phantom{00}}$	9	+	4 ones



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HW/Ext

9. Use the cards to complete the statements below.

1 ten and 4 ones	+	3 ones	$>$	1 ten and 4 ones	+	$\boxed{\phantom{00}}$
2 tens	-	4	$=$	1 ten and 9 ones	-	$\boxed{\phantom{00}}$
1 ten and 9 ones	-	1 one	$=$	$\boxed{\phantom{00}}$	-	2 ones

2 ones

2 tens

3 ones

1 ten and 3  
ones



RPS  
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## Compare Number Sentences

### Developing

- A.  $5 + 3 = 8$**   
**B.  $4 + 4 = 8$**   
**C.  $3 + 5 = 8$**   
**D.  $2 + 6 = 8$**
- $>, <$**
- $4 + 3 < 4 + \underline{4} < \underline{4} + 5$**   
 **$9 - \underline{5} = 8 - \underline{4} = 7 - 3$**

### Expected

- A.  $11 + 5 = 16$**   
**B.  $12 + 4 = 16$**   
**C.  $13 + 3 = 16$**   
**D.  $14 + 2 = 16$**
- $=, <, >, =$**
- $3, 3, 1, >$**

### Greater Depth

- A.  $15 + 3 = 18$**   
**B.  $14 + 4 = 18$**   
**C.  $13 + 5 = 18$**   
**D.  $12 + 6 = 18$**
- $>, =, <, =$**
- 2 ones, 3 ones, 2 tens**