Homework/Extension
Step 1: Make a Whole

National Curriculum Objectives:

Mathematics Year 4: (4F6b) Recognise and write decimal equivalents of any number of tenths or hundredths
Mathematics Year 4: (4F10b) Solve simple measure and money problems involving fractions and decimals to two decimal places

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Circle the number which makes a whole (1) when added to the number represented in the number square. Includes 3 options and tenths only.
Expected Circle the number which makes a whole (1) when added to the number represented in the number square. Includes 4 options and hundredths and tenths.
Greater Depth Circle the number which makes a whole (greater than 1) when added to the number represented in the number square. Includes 5 options and hundredths and tenths.

Questions 2, 5 and 8 (Varied Fluency)
Developing Match the numbers to make a whole (1) using tenths.
Expected Match the numbers to make a whole (1) using hundredths and tenths.
Greater Depth Match the numbers to make a whole (greater than 1) using hundredths and tenths.

Questions 3, 6 and 9 (Problem Solving and Reasoning)
Developing Identify and explain the odd one out of 3 calculations. Includes tenths only.
Expected Identify and explain the odd one out of 3 calculations. Includes tenths and hundredths.
Greater Depth Identify and explain the odd one out of 3 calculations. Includes tenths, hundredths and making a whole greater than 1.

More Year 4 Decimals resources.

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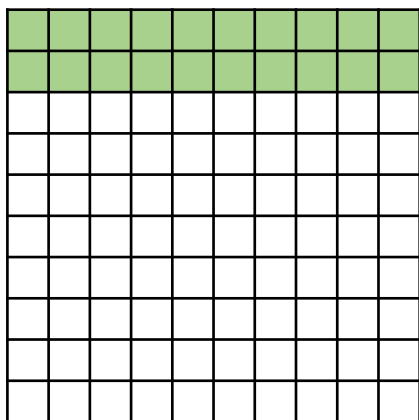
Make a Whole

1. Circle the number which makes a whole when added to the hundredths shaded in each number square.
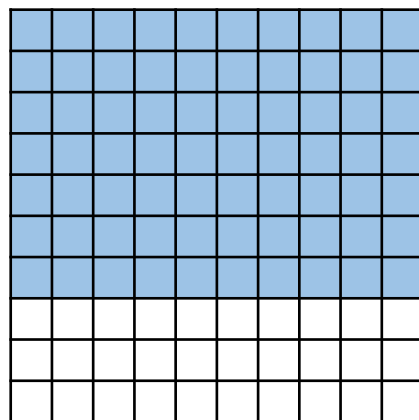
A

0.9

0.2

0.8

B

0.7

0.4

0.3

VF
HW/Ext

2. Match the numbers below to make a whole.

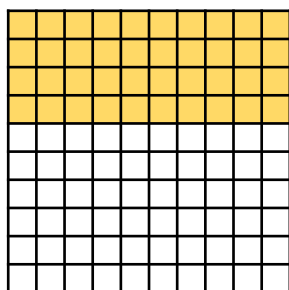|	
0.6	0.2
0.1	0.9
0.5	0.4
0.8	0.7
0.3	0.5

VF
HW/Ext

3. Circle the odd one out below.

B.

A.
0.5 + 0.5

+

C.
0.9 + 0.1

Explain your reasoning.

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classroomsecrets.co.uk

Homework/Extension – Make a Whole – Year 4 Developing
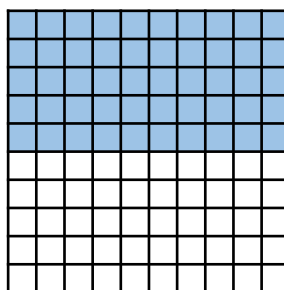
Make a Whole

4. Circle the number which makes a whole when added to the hundredths shaded in each number square.

A

0.54

0.64

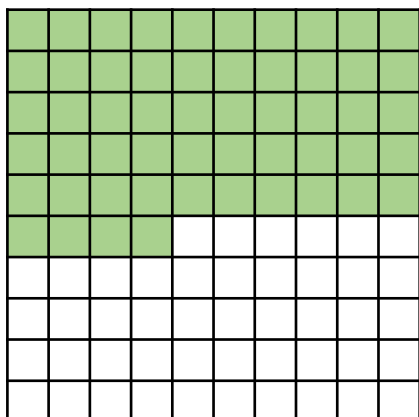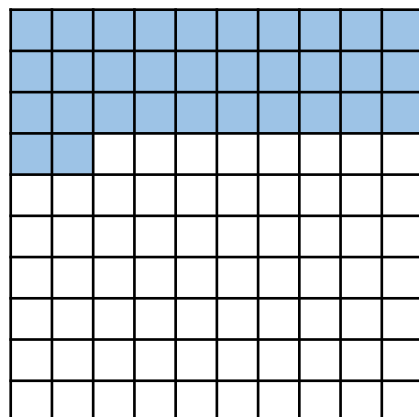0.45

0.46

B

0.86

0.32

0.68

0.58

5. Match the numbers below to make a whole.

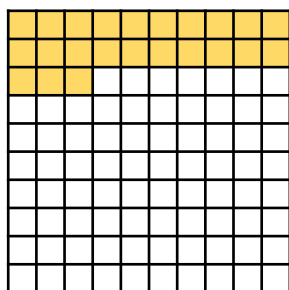|	
0.72	0.57
0.19	0.14
0.43	0.28
0.86	0.75
0.25	0.81

6. Circle the odd one out below.

B.
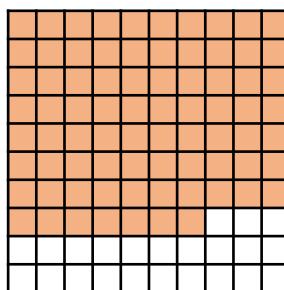
A.
0.92 + 0.08

+

C.
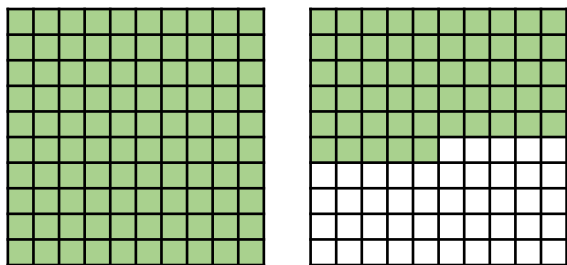0.16 + 0.74

Explain your reasoning.
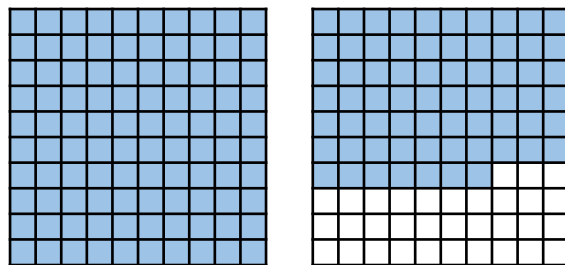
Make a Whole

7. Circle the number which makes the whole number 2 when added to the value shown in each number square.

A

| 1.55 | 0.45 | 0.55 | 1.45 | 1.54 |

B

| 1.77 | 0.77 | 1.33 | 0.43 | 0.33 |

VF
HW/Ext

8. Match the numbers below to make the whole number 3.

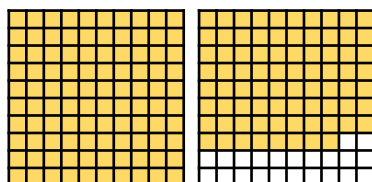|	
1.26	0.19
0.94	1.25
2.38	0.62
1.75	1.74
2.81	2.06

VF
HW/Ext

9. Circle the odd one out below.

B.

A.
5.13 + 1.97
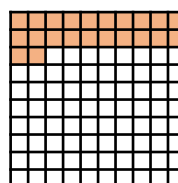
C.
4.46 + 3.54

Explain your reasoning.

RPS
HW/Ext

Homework/Extension – Make a Whole – Year 4 Greater Depth

<u>Developing</u>
1. A – 0.8, B – 0.3
2. 0.6 and 0.4, 0.1 and 0.9, 0.5 and 0.5, 0.8 and 0.2, 0.3 and 0.7
3. B is the odd one out because it does not make a whole.

<u>Expected</u>
4. A – 0.46, B – 0.68
5. 0.72 and 0.28, 0.19 and 0.81, 0.43 and 0.57, 0.86 and 0.14, 0.25 and 0.75
6. C is the odd one out because it does not make a whole.

<u>Greater Depth</u>
7. A – 0.45, B – 0.33
8. 1.26 and 1.74, 0.94 and 2.06, 2.38 and 0.62, 1.75 and 1.25, 2.81 and 0.19
9. A is the odd one out because it does not make a whole number.