## Homework/Extension Step 3: Compare Decimals

## National Curriculum Objectives:

Mathematics Year 4: (4F8) <u>Compare numbers with the same number of decimal places up</u> to two decimal places Mathematics Year 4: (4F10b) <u>Solve simple measure and money problems involving</u> fractions and decimals to two decimal places

## Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Match each statement to the number it is describing (tenths and hundredths only, and zero is not used as a placeholder).

Expected Match each statement to the number it is describing (ones, tenths and hundredths, with zero as a placeholder).

Greater Depth Match each statement to the number it is describing (tens, ones, tenths and hundredths, with zero as a placeholder).

Questions 2, 5 and 8 (Varied Fluency)

Developing Use digit cards to complete the statements (tenths and hundredths only, and zero is not used as a placeholder).

Expected Use digit cards to complete the statements (ones, tenths and hundredths, with zero as a placeholder).

Greater Depth Use digit cards to complete the statements (tens, ones, tenths and hundredths, with zero as a placeholder).

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

**Developing** Use a given number of counters to make a number on a place value chart that completes an inequality statement (tenths and hundredths only, and zero is not used as a placeholder).

Expected Use a given number of counters to make a number on a place value chart that completes an inequality statement (ones, tenths and hundredths, with zero as a placeholder).

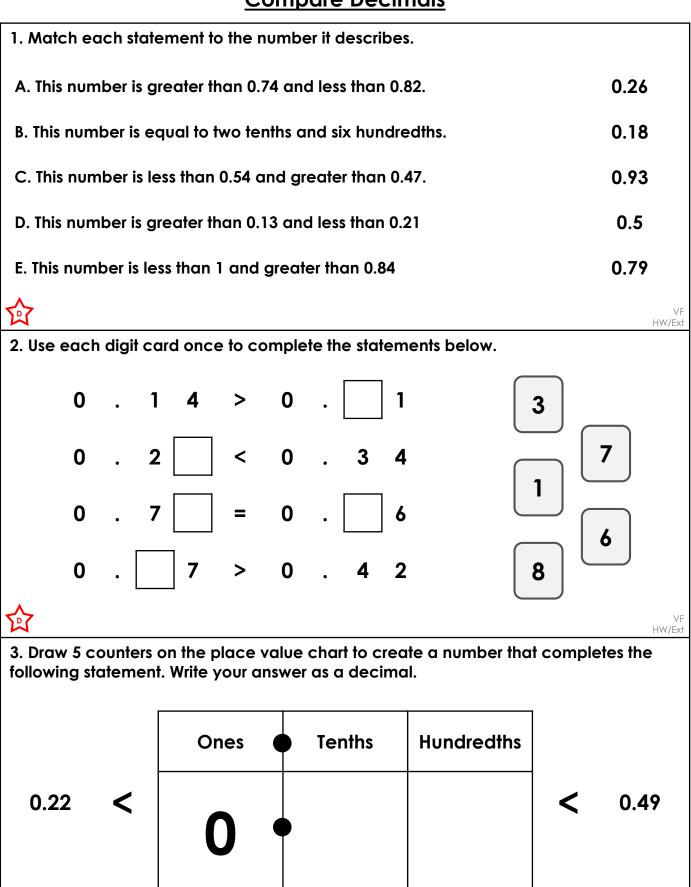
Greater Depth Use a given number of counters to make a number on a place value chart that completes an inequality statement (tens, ones, tenths and hundredths, with zero as a placeholder).

## More <u>Year 4 Decimals</u> resources.

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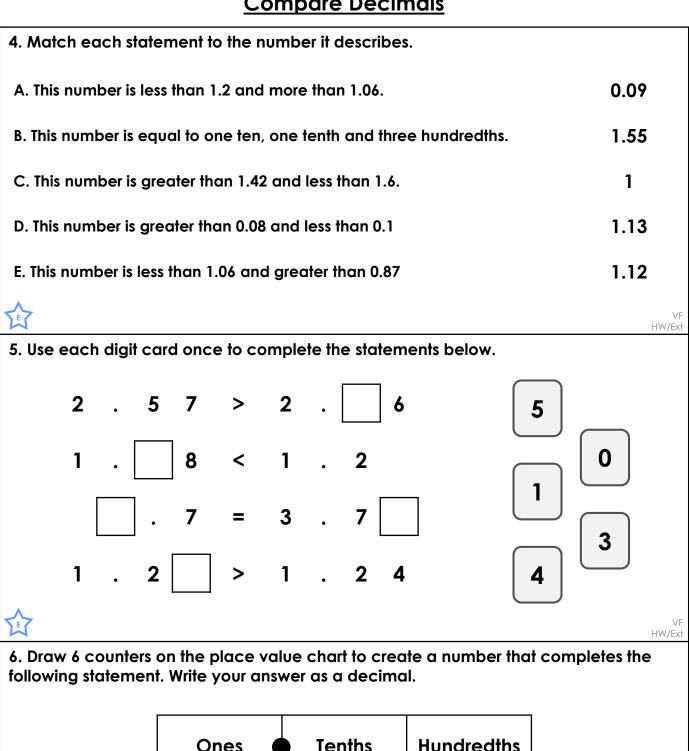


RPS HW/Ext

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1	.31	

Ţ	Tenths	Hundredths		
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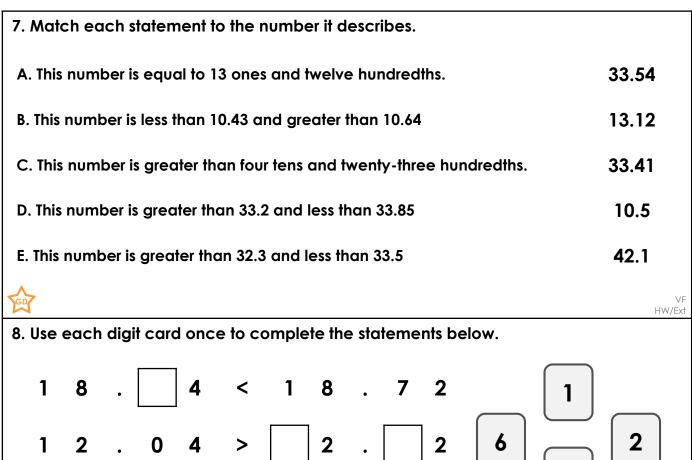
1.56

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Homework/Extension – Compare Decimals – Year 4 Expected



9. Draw 15 counters on the place value chart to create a number that completes the following statement. Write your answer as a decimal.

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		Tens	Ones	Tenths	Hundredths		
16.31	>					>	15.35
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### Homework/Extension Compare Decimals

#### **Developing**

- 1. A = 0.79; B = 0.26; C = 0.5; D = 0.18; E = 0.93 2. 0.14 > 0.11
- 0.23 < 0.34
- 0.76 = 0.76
- 0.87 > 0.42
- 3. Using exactly 5 counters, 0.23, 0.32, and 0.41 are the only possible answers.

### **Expected**

4. A = 1.12; B = 1.13; C = 1.55; D = 0.09; E = 1
5. 2.57 > 2.46
1.18 < 1.2</li>
3.7 = 3.70
1.25 < 1.24</li>
6. Using exactly six counters, 1.32, 1.41 and 1.5 are the only possible answers.

#### <u>Greater Depth</u>

7. A = 13.12; B = 10.5; C = 42.1; D = 33.54; E = 33.41 8. 18.64 < 18.72 12.04 > 12.02 20.32 > 20.08 13.54 = 13.54 9. Using exactly 15 counters, 16.26, 16.17, 16.08, 15.9, 15.81, 15.72, 15.63, 15. 54, 15.45 and 15.36 are the only possible answers.





Homework/Extension – Compare Decimals ANSWERS