

Homework/Extension

Step 3: Compare Decimals

National Curriculum Objectives:

Mathematics Year 4: (4F8) [Compare numbers with the same number of decimal places up to two decimal places](#)

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 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 [Year 4 Decimals](#) resources.

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

Compare Decimals

1. Match each statement to the number it describes.

- | | |
|---|------|
| A. This number is greater than 0.74 and less than 0.82. | 0.26 |
| B. This number is equal to two tenths and six hundredths. | 0.18 |
| C. This number is less than 0.54 and greater than 0.47. | 0.93 |
| D. This number is greater than 0.13 and less than 0.21 | 0.5 |
| E. This number is less than 1 and greater than 0.84 | 0.79 |



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2. Use each digit card once to complete the statements below.

$$0.14 > 0.\square 1$$

$$0.2\square < 0.34$$

$$0.7\square = 0.\square 6$$

$$0.\square 7 > 0.42$$

3

7

1

6

8



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3. Draw 5 counters on the place value chart to create a number that completes the following statement. Write your answer as a decimal.

	Ones	●	Tenths		Hundredths				
0.22	<	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center; vertical-align: middle; font-size: 3em;">0</td> <td style="width: 33%;"></td> <td style="width: 33%;"></td> </tr> </table>			0			<	0.49
0									



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Compare Decimals

4. Match each statement to the number it describes.

- | | |
|---|------|
| A. This number is less than 1.2 and more than 1.06. | 0.09 |
| B. This number is equal to one ten, one tenth and three hundredths. | 1.55 |
| C. This number is greater than 1.42 and less than 1.6. | 1 |
| D. This number is greater than 0.08 and less than 0.1 | 1.13 |
| E. This number is less than 1.06 and greater than 0.87 | 1.12 |



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5. Use each digit card once to complete the statements below.

$$2 . 5 7 > 2 . \square 6$$

$$1 . \square 8 < 1 . 2$$

$$\square . 7 = 3 . 7 \square$$

$$1 . 2 \square > 1 . 2 4$$



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6. Draw 6 counters on the place value chart to create a number that completes the following statement. Write your answer as a decimal.

	Ones	●	Tenths	Hundredths		
1.31	<	<div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);">●</div>			<	1.56



RPS
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Compare Decimals

7. Match each statement to the number it describes.

- | | |
|---|--------------|
| A. This number is equal to 13 ones and twelve hundredths. | 33.54 |
| B. This number is less than 10.43 and greater than 10.64 | 13.12 |
| C. This number is greater than four tens and twenty-three hundredths. | 33.41 |
| D. This number is greater than 33.2 and less than 33.85 | 10.5 |
| E. This number is greater than 32.3 and less than 33.5 | 42.1 |



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8. Use each digit card once to complete the statements below.

$18.\square4 < 18.72$		1		
$12.04 > \square2.\square2$		6		2
$20.32 > \square0.08$		3		5
$1\square.\square4 = 13.5\square$		4		0



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

	Tens	Ones	Tenths	Hundredths	
16.31 >					> 15.35



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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
3.7 = 3.70
1.25 < 1.24
6. **Using exactly six counters, 1.32, 1.41 and 1.5 are the only possible answers.**

Greater Depth

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.**