

Varied Fluency

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:

Developing Questions to support the use of $>$, $<$ and $=$ to compare decimal numbers. Tenths and hundredths, and zero is not used as a placeholder.

Expected Questions to support the use of $>$, $<$ and $=$ to compare decimal numbers. Ones, tenths and hundredths, with zero as a placeholder.

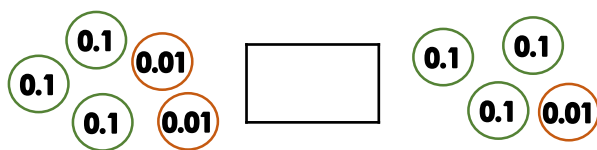
Greater Depth Questions to support the use of $>$, $<$ and $=$ to compare decimal numbers. Tens, ones, tenths and hundredths included, with zero as a placeholder.

More [Year 4 Decimals](#) resources.

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

Compare Decimals

1a. Write down and compare these decimal numbers using $>$, $<$ or $=$.

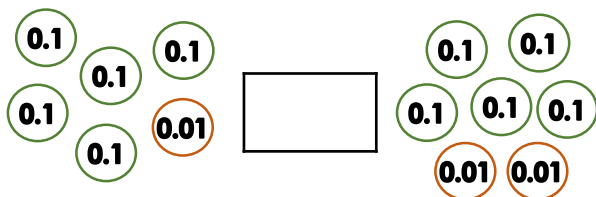




VF

Compare Decimals

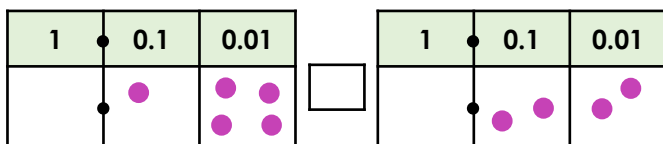
1b. Write down and compare these decimal numbers using $>$, $<$ or $=$.





VF

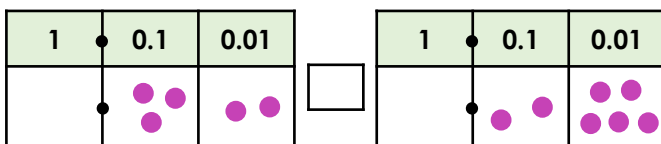
2a. Use $>$, $<$ or $=$ to compare these decimal numbers.





VF

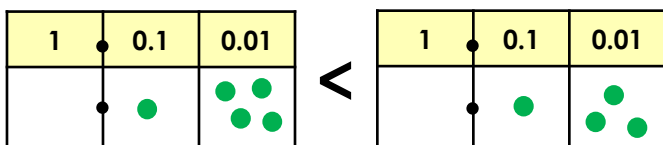
2b. Use $>$, $<$ or $=$ to compare these decimal numbers.





VF

3a. Is this statement true or false?

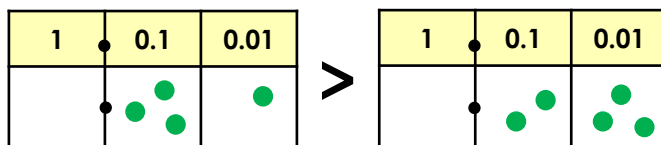


$<$



VF

3b. Is this statement true or false?



$>$



VF

4a. Use $>$ or $<$ to compare these decimal numbers.

0.71 0.51

0.12 0.37

0.64 0.54



VF

4b. Use $>$ or $<$ to compare these decimal numbers.

0.63 0.95

0.85 0.72

0.31 0.32



VF

5a. Using digits from 1 to 9, make these statements correct.

0.23 $>$ 0.□9

0.8□ $>$ 0.88

0.52 = 0.□2



VF

5b. Using digits from 1 to 9, make these statements correct.

0.□5 $<$ 0.46

0.99 = 0.□9

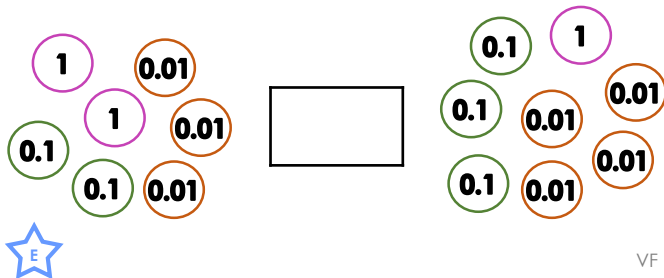
0.32 $>$ 0.□5



VF

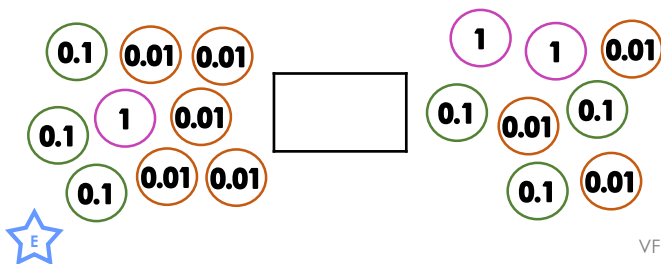
Compare Decimals

6a. Write down and compare these decimal numbers using $>$, $<$ or $=$.

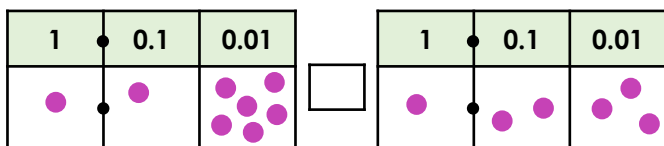


Compare Decimals

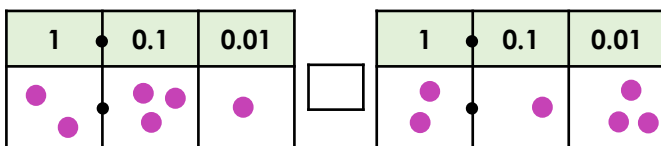
6b. Write down and compare these decimal numbers using $>$, $<$ or $=$.



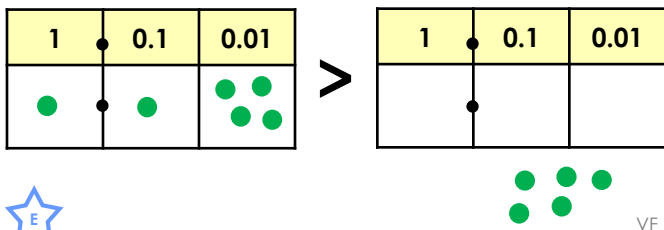
7a. Use $>$, $<$ or $=$ to compare these decimal numbers.



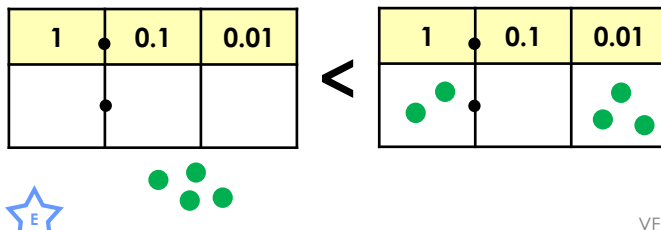
7b. Use $>$, $<$ or $=$ to compare these decimal numbers.



8a. Put the counters on the place value grid to make the statement correct.



8b. Put the counters on the place value grid to make the statement correct.



9a. Use $>$ or $<$ to compare these decimal numbers.

2.05 2.50

1.21 1.12

3.54 3.45



VF

9b. Use $>$ or $<$ to compare these decimal numbers.

4.96 4.69

0.01 0.1

2.11 2.9



VF

10a. Using digits from 1 to 9, make these statements correct.

3.33 $>$ 3.3

0.2 $<$ 0.25

2.89 = 2. 9



VF

10b. Using digits from 1 to 9, make these statements correct.

0.6 $<$ 0.66

0. 9 = 0.99

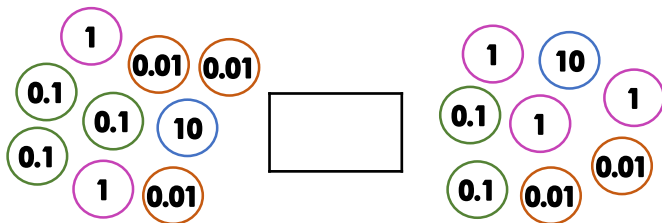
1.74 $>$ 1.7



VF

Compare Decimals

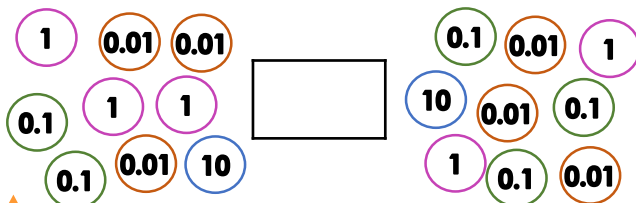
11a. Write down and compare these decimal numbers using $>$, $<$ or $=$.



VF

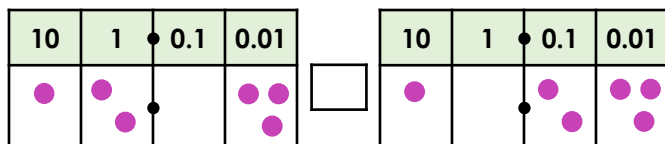
Compare Decimals

11b. Write down and compare these decimal numbers using $>$, $<$ or $=$.



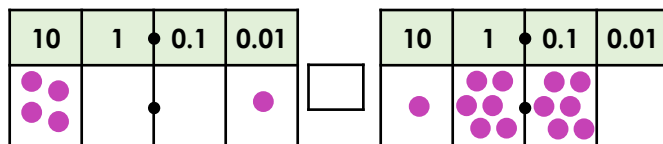
VF

12a. Use $>$, $<$ or $=$ to compare these decimal numbers.



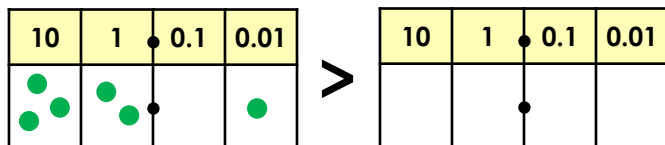
VF

12b. Use $>$, $<$ or $=$ to compare these decimal numbers.



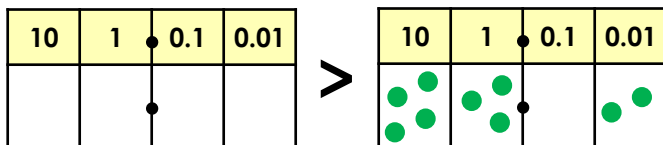
VF

13a. Put 10 counters on the blank place value grid to make the statement correct.



VF

13b. Put 8 counters on the blank place value grid to make the statement correct.



VF

14a. Use $>$ or $<$ to compare these decimal numbers.

17.02 71.02

20.31 23.01

46.34 43.64



VF

14b. Use $>$ or $<$ to compare these decimal numbers.

25.16 25.61

74.47 70.74

30.88 33.08



VF

15a. Using digits from 1 to 9, make these statements correct.

1 .62 $>$ 17.62

43.26 $<$ 43.2

59.19 = 59. 9



VF

15b. Using digits from 1 to 9, make these statements correct.

25.3 $<$ 25.36

6 .74 $<$ 67.74

38.63 $>$ 38. 3



VF

Varied Fluency Compare Decimals

Developing

- 1a. $0.32 > 0.31$
2a. $<$
3a. False, $0.14 > 0.13$
4a. $>, <, >$
5a. 1, 9, 5

Expected

- 6a. $2.23 > 1.34$
7a. $<$
8a. Various possible answers, for example:
1.13
9a. $<, >, >$
10a. Various possible answers, for
example: 2, 4, 8

Greater Depth

- 11a. $12.33 < 13.22$
12a. $>$
13a. Various possible answers, for
example: 25.12
14a. $<, <, >$
15a. Various possible answers, for
example: 8, 7, 1

Varied Fluency Compare Decimals

Developing

- 1b. $0.51 < 0.52$
2b. $>$
3b. True
4b. $<, >, <$
5b. Various possible answers, for example:
3, 9, 2

Expected

- 6b. $1.35 < 2.33$
7b. $>$
8b. Various possible answers, for example:
1.12
9b. $>, <, <$
10b. Various possible answers, for
example: 5, 9, 3

Greater Depth

- 11b. $13.23 > 12.33$
12b. $>$
13b. Various possible answers, for
example: 50.21
14b. $<, >, <$
15b. Various possible answers, for
example: 5, 6, 5