

Order and Compare Decimals

1a. Tick the rows of decimals that are ordered correctly from smallest to largest.

1.38 1.45 1.54 1.83

2.48 2.4 2.49 2.59

6.39 6.53 6.6 6.61



VF

2a. These decimals have been placed in ascending order. Circle the decimal that completes the sequence

5.48	5.53		5.6
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5.57 five and four tenths 5.28 5.16



VF

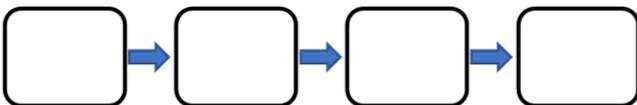
3a. Complete the statement using $>$, $<$ or $=$ to make it correct.

3.59km 3.49km 3.4km



VF

4a. Place the numbers in ascending order.



3.58 2.59 2.65 3.85



VF

Order and Compare Decimals

1b. Jamie made a number between 3.22 and 3.95 using counters on a place value chart.

1	0.1	0.01	0.001

Five of the counters have fallen off.

List 3 possibilities of what Jamie's number could be.



PS

2b. Look at this number sequence.

2.39	3.67		3.95
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Use the number cards to make all the possible numbers with 2 decimal places that can complete the sequence.



PS

3b. Joshua is comparing numbers. He says,



I think that
 $5.6 > 5.62$

Is Joshua correct? Explain your answer.



R

Order and Compare Decimals

5a. Tick the rows of decimals that are ordered correctly from smallest to largest.

1.307 1.459 1.67 1.679

2.487 2.478 2.208 2.375

4.039 4.531 4.635 4.75



VF

6a. These decimals have been placed in ascending order. Circle the decimal that completes the sequence

6.487	6.531		7.02
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6.29 six
and
six
tenths 7.038 7.165



VF

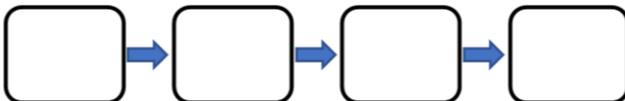
7a. Complete the statement using $>$, $<$ or $=$ to make it correct.

3.59km 3.29km 3290m



VF

8a. Place the numbers in ascending order.



2.589 2 $\frac{561}{1000}$ 2.658 2 $\frac{165}{1000}$



VF

Order and Compare Decimals

4b. Beth made a number between 2.045 and 2.159 using counters on a place value chart.

1	0.1	0.01	0.001

Seven of the counters have fallen off.

List 3 possibilities of what Beth's number could be.



PS

5b. Look at this number sequence.

8 $\frac{648}{1000}$ 7.67 6 $\frac{961}{1000}$



Use the number cards to make all the possible numbers with 3 decimal places that can complete the sequence.



PS

6b. Emily is comparing numbers. She says,



I think that
 $328.8\text{cm} = 3.288\text{m}$

Is Emily correct? Explain your answer.



R

Order and Compare Decimals

9a. Tick the rows of decimals that are ordered correctly from smallest to largest.

2.589 25.5 ÷ 10 2.59 2.939

3.487 35.4 ÷ 10 3.548 3.85

6.039 6.309 6.390 6.903



VF

10a. These decimals have been placed in ascending order. Circle the decimal that completes the sequence

8.487	8.531		9.02
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8.29 eight and six tenths 0.91 × 10 9.165



VF

11a. Complete the statement using >, < or = to make it correct.

9.45km 9.451km 94.95m × 10



VF

12a. Place the numbers in ascending order.



9.689 9 $\frac{601}{1000}$ 90.58 ÷ 10 9 $\frac{865}{1000}$



VF

Order and Compare Decimals

7b. Sam made a number between $28.29 \div 10$ and 0.254×10 using counters on a place value chart.

1	0.1	0.01	0.001
● ●			

Seven of the counters have fallen off.

List 3 possibilities of what Sam's number could be.



PS

8b. Look at this number sequence.

$6 \frac{648}{1000}$ 6.67 0.693×10



Use the number cards to make all the possible numbers with 3 decimal places that can complete the sequence.



PS

9b. Maya is comparing numbers. She says,



I think that $0.684 \times 10 = 6.84 > 68.2 \div 10$

Is Maya correct? Explain your answer.



R

Varied Fluency
Order and Compare Decimals

Developing

- 1a. 1st and 3rd line ticked.
2a. 5.57
3a. >, >
4a. 2.59, 2.65, 3.58, 3.85

Expected

- 5a. 1st and 3rd lines ticked.
6a. six and six tenths
7a. >, =
8a. 2.165, 2.561, 2.589, 2.658

Greater Depth

- 9a. 2nd and 3rd lines ticked.
10a. eight and six tenths.
11a. <, >
12a. 9.058, 9.601, 9.689, 9.865

Reasoning and Problem Solving
Order and Compare Decimals

Developing

- 1b. Various possible answers for example:
3.23, 3.32, 3.41
2b. 3.68, 3.76, 3.78, 3.86, 3.87
3b. Joshua is not correct.
Both numbers have 5 ones but 5.62 has 2 hundredths whereas 5.6 has 0 hundredths so 5.6 is not the greater number.

Expected

- 4b. Various possible answers, for example:
2.052, 2.061, 2.07
5b. 7.659, 7.596, 7.569, 6.975
6b. Emily is correct
 $328.8 \text{ cm} \div 100 = 3.288\text{m}$

Greater Depth

- 7b. Various possible answers, for example:
2.601, 2.61, 2.7
8b. 6.738, 6.783, 6.837, 6.873
9b. Maya is correct.
 $0.684 \times 10 = 6.84$. $68.2 \div 10 = 6.82$.
6.84 has 4 hundredths but 6.82 has only 2 so 6.84 is greater than 6.82.