

PRACTICE

Name: _____

LESSON 1: COMPARING & ORDERING NUMBERS

Learning Goal 2: I can **compare** integers and decimals using the symbols $<$, $>$, and $=$.

- What is an **integer**? Give **THREE** examples of **integers**: _____

- Explain how you would compare **0.25** and **0.125**. Which is **greater**? _____

- Explain how you would compare **-0.25** and **0.125**. Which is **greater**? _____

- Explain how you would compare **-0.25** and **-0.125**. Which is **greater**? _____

Inside the circle, write the symbol $<$, $>$, **or** $=$. Use the place value table to help. Then, put the values on the number line.

1. 3 ○ 4

2. -3 ○ -4

Tens	Ones	.	Tenths	Hundredths	Thousandths
		.			
		.			
		.			
		.			



3. 3 -4

4. 0 -2

5. -1.5 -2

Tens	Ones	.	Tenths	Hundredths	Thousandths
		.			
		.			
		.			
		.			
		.			
		.			

6. Place the numbers from **questions 3 through 5** on the number line:



7. 3.6 3.60

8. 0.45 0.5

9. 0.375 0.95

Tens	Ones	.	Tenths	Hundredths	Thousandths
		.			
		.			
		.			
		.			
		.			
		.			

10. Place the numbers from **questions 7 through 9** on the number line:



11. -0.375 -0.4

12. -0.15 -0.125

13. -0.333 -0.3

Tens	Ones	.	Tenths	Hundredths	Thousandths
		.			
		.			
		.			
		.			
		.			
		.			

14. Place the numbers from **questions 11 through 13** on the number line:



Fill the circles with the symbol $<$, $>$, **or** $=$.

1. -0.5 2

2. -75 0.75

3. 0.85 0.250

4. 0.38 0.380

5. -12 -4

6. 0 -10.5

Now try using your skills from **Learning Goal 1** to **convert**, then **compare** these numbers!

1. 25% 0.2

2. -0.375 -38%

3. -0.17 $-\frac{1}{6}$

4. $-\frac{1}{8}$ -0.15

5. $-\frac{5}{7}$ $-\frac{4}{5}$

6. $66\frac{2}{3}\%$ 0.8