1. **Ordering Rational Numbers**

Which set of numbers is ordered from least to greatest?

a. -2, 1.2, 0.20, 0.02

b. 0.20, 0.02, 1.2, -2

c. 0.02, 0.20, 1.2, -2

d. -2, 0.02, 0.20, 1.2

(Write the full list on your answer

2. **Ordering Rational Numbers**

Order the numbers from least to greatest.

$$-\frac{9}{10}, \qquad -1,$$

$$-1.03, \qquad -0.\overline{9}$$

Write a mathematical statement using **<** or **>** that describes the situation.

At 86 meters below sea level, Death Valley has one of the planet's lowest elevations. At 430 meters below sea level, the Dead Sea has the lowest of all.

Which number appears to the left of $-0.\overline{1}$ on a horizontal number line? Use the number and **<** or **>** to finish the statement.

$$\boxed{-0.\overline{1}} \;\bigcirc\; \boxed{}$$

a. $-\frac{1}{8}$ **b.** 0 **c.** -0.1 **d.** $\frac{1}{10}$

(Write the full statement on your answer sheet.)

5. **Ordering Rational Numbers**

Which set of numbers is ordered from least to greatest?

a. 1, $1\frac{3}{11}$, 1.2, $\frac{4}{3}$

b. $1\frac{3}{11}$, 1.2, $\frac{4}{3}$, 1

c. 1, 1.2, $1\frac{3}{11}$, $\frac{4}{3}$

d. 1, 1.2, $\frac{4}{3}$, $1\frac{3}{11}$

(Write the full list on your answer

6. **Ordering Rational Numbers**

Order the numbers from least to greatest.

$$0.15, \qquad -\frac{7}{10},$$

$$-0.8, \qquad -0.10$$

Write a mathematical statement using **<** or **>** that describes the situation.

It was 2 degrees below zero on Saturday but 3 degrees below zero on Sunday.

Which number appears to the left of 0.625 on a horizontal number line? Use the number and **<** or **>** to finish the statement.

$$\boxed{0.625} \quad \bigcirc \quad \boxed{}$$

a. $\frac{5}{8}$ **b.** $\frac{6}{10}$ **c.** $\frac{2}{3}$ **d.** 0.652

(Write the full statement on your answer sheet.)

9. Ordering Rational Numbers

Which set of numbers is ordered from least to greatest?

a. 0.3, 0.25, 0.12, $\frac{1}{5}$

b. 0.12, 0.25, $\frac{1}{5}$, 0.3

c. 0.12, $\frac{1}{5}$, 0.25, 0.3

d. 0.12, 0.25, 0.3, $\frac{1}{5}$

(Write the full list on your answer

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10. Ordering Rational Numbers

Order the numbers from least to greatest.

$$-\frac{1}{3}, \qquad 0.\overline{6},$$

$$-\frac{1}{4}, \qquad -0.5$$

Write a mathematical statement using **<** or **>** that describes the situation.

Mike and Tina played a game where players win or lose bonus points. Mike lost 1.5 points. Tina won 0.5 points.

Which number appears to the right of $-\frac{7}{9}$ on a horizontal number line? Use the number and **<** or **>** to finish the statement.

$$\boxed{-\frac{7}{9}} \ \bigcirc \ \boxed{}$$

a. $-1\frac{7}{9}$ **b.** $-\frac{9}{7}$ **c.** -0.07 **d.** -0.79

(Write the full statement on your answer sheet.)

Which set of numbers is ordered from least to greatest?

a. $-\frac{3}{4}$, -0.6, $-\frac{1}{2}$, $-0.\overline{3}$

b. $-\frac{1}{2}$, $-\frac{3}{4}$, -0.6, $-0.\overline{3}$

c. -0.6, $-\frac{3}{4}$, $-\frac{1}{2}$, $-0.\overline{3}$

d. $-0.\overline{3}$, $-\frac{1}{2}$, -0.6, $-\frac{3}{4}$

(Write the full list on your answer

Order the numbers from least to greatest.

$$0, \quad -0.01,$$

$$0.1, \quad -0.1$$

Write a mathematical statement using **<** or **>** that describes the situation.

The hotel the Johnsons are staying at is located 2 feet below sea level. The beach they are visiting is right at sea level.

Which number appears to the left of 0.5 on a horizontal number line? Use the number and **<** or **>** to finish the statement.

0.5 ◯ ☐

a. 0.505   **b.** $1\frac{1}{2}$ **c.** 0.050   **d.** 5

(Write the full statement on your answer sheet.)

Which set of numbers is ordered from least to greatest?

a. $\frac{2}{15}$, $\frac{1}{5}$, 0.25, -0.1

b. -0.1, 0.25, $\frac{1}{5}$, $\frac{2}{15}$

c. 0.25, -0.1, $\frac{1}{5}$, $\frac{2}{15}$

d. -0.1, $\frac{2}{15}$, $\frac{1}{5}$, 0.25

(Write the full list on your answer

Order the numbers from least to greatest.

-1.6,   **-1$\frac{5}{8}$,**

1.625,   **$\frac{8}{5}$**

Write a mathematical statement using **<** or **>** that describes the situation.

Terron currently has 25 gold in his game. His friend Aaron has -40 gold.

Which number appears to the right of $-\frac{3}{8}$ on a horizontal number line? Use the number and **<** or **>** to finish the statement.

$$\boxed{-\frac{3}{8}} \bigcirc \boxed{}$$

a. $-0.\overline{3}$ **b.** -0.5   **c.** $-\frac{8}{3}$ **d.** $-\frac{38}{100}$

(Write the full statement on your answer sheet.)

Which set of numbers is ordered from least to greatest?

a. 0, $0.\overline{1}$, $-\frac{2}{3}$, -0.68

b. -0.68, $-\frac{2}{3}$, 0, $0.\overline{1}$

c. -0.68, $-\frac{2}{3}$, $0.\overline{1}$, 0

d. $-\frac{2}{3}$, -0.68, 0, $0.\overline{1}$

(Write the full list on your answer

Order the numbers from least to greatest.

$$-\frac{1}{4}, \qquad -0.3,$$

$$-\frac{2}{4}, \qquad -4.2$$

Write a mathematical statement using **<** or **>** that describes the situation.

Stacy performed 5% below the class average on a spelling test. Olivia performed 10% below the class average.

Which number appears to the right of $\frac{4}{17}$ on a horizontal number line? Use the number and **<** or **>** to finish the statement.

$$\boxed{\frac{4}{17}} \bigcirc \boxed{}$$

a. 0.32   **b.** $0.\overline{2}$ **c.** $-\frac{4}{17}$ **d.** .023

(Write the full statement on your answer sheet.)

Which set of numbers is ordered from least to greatest?

a. $-\frac{9}{4}$, -2.5, $-2\frac{3}{4}$, -3

b. -3, $-2\frac{3}{4}$, -2.5, $-\frac{9}{4}$

c. -3, $-\frac{9}{4}$, $-2\frac{3}{4}$, -2.5

d. $-\frac{9}{4}$, -3, $-2\frac{3}{4}$, -2.5

(Write the full list on your answer

Order the numbers from least to greatest.

$$\frac{7}{16}, \qquad \frac{3}{8},$$

$$\frac{1}{4}, \qquad 0.\overline{4}$$

Preview

Please log in to download the printable version of this worksheet.

Write a mathematical statement using **<** or **>** that describes the situation.

Carlos tested two drones in strong winds. After 2 minutes, drone A was blown backward 7.4 feet. Drone B managed to move forward 5.3 feet.

Which number appears to the right of -2.8 on a horizontal number line? Use the number and **<** or **>** to finish the statement.

-2.8 ◯ ▢

a. $-\frac{7}{2}$ b. $-2\frac{4}{5}$ c. $-2.\overline{8}$ d. -2.08

(Write the full statement on your answer sheet.)

Which set of numbers is ordered from least to greatest?

a. $-\frac{9}{8}$, $\frac{8}{9}$, 0.8, -1.8

b. $-\frac{9}{8}$, -1.8, $\frac{8}{9}$, 0.8

c. -1.8, $-\frac{9}{8}$, 0.8, $\frac{8}{9}$

d. 0.8, -1.8, $-\frac{9}{8}$, $\frac{8}{9}$

(Write the full list on your answer

Order the numbers from least to greatest.

$-\frac{1}{20}$,   **-0.5,**

$-\frac{5}{9}$,   **0.05**

Name: _____

Task Cards: Ordering Rational Numbers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

17. _____

18. _____

19. _____

20. _____

21. _____

22. _____

23. _____

24. _____

25. _____

26. _____

27. _____

28. _____

29. _____

30. _____

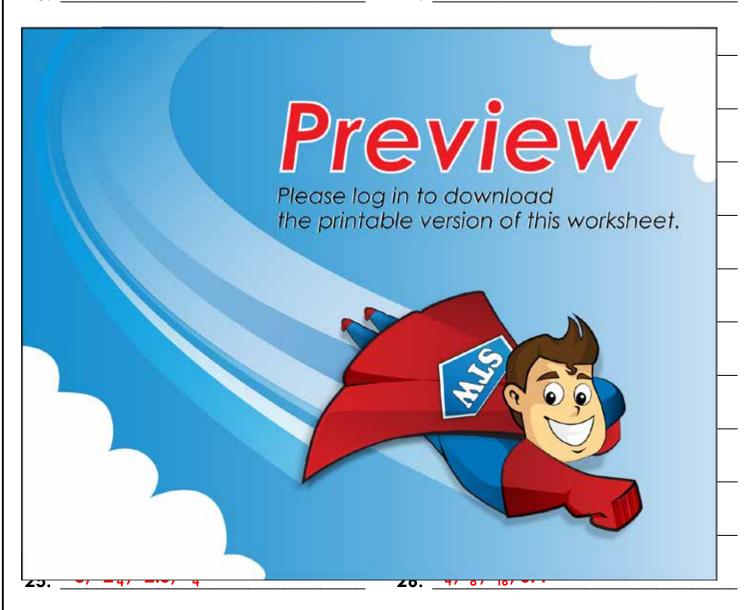# ANSWER KEY

Task Cards: Ordering Rational Numbers

1. -2, 0.02, 0.20, 1.2

2. -1.03, -1, -0.$\overline{9}$, -$\frac{9}{10}$

3. -86 > -430 (accept -430 < -86)

4. -0.$\overline{1}$ > -$\frac{1}{8}$

25.

28.

27. -7.4 < 5.3 (accept 5.3 > -7.4)

28. -2.8 < -2.08

29. -1.8, -$\frac{9}{8}$, 0.8, $\frac{8}{9}$

30. -$\frac{5}{9}$, -0.5, -$\frac{1}{20}$, 0.05