

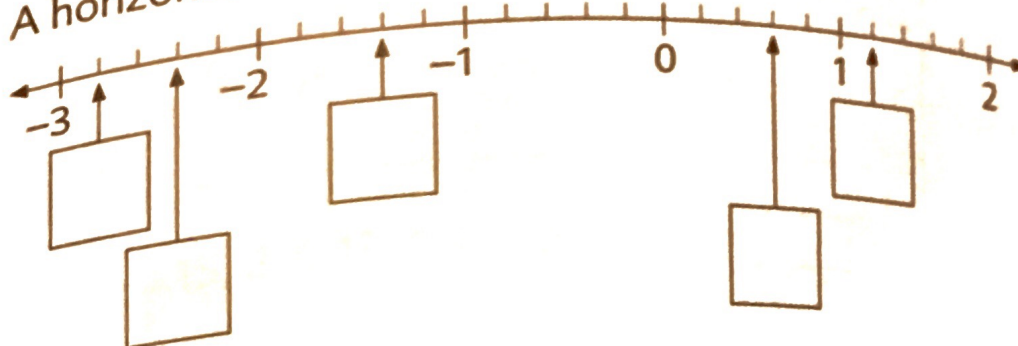
Name: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

## Exercise 2 : Negative Fractions and Decimals

1. A horizontal number line is drawn.



(a) Write the following fractions on the number line.

(i)  $1\frac{1}{5}$

(ii)  $-2\frac{2}{5}$

(iii)  $-2\frac{4}{5}$

(iv)  $\frac{3}{5}$

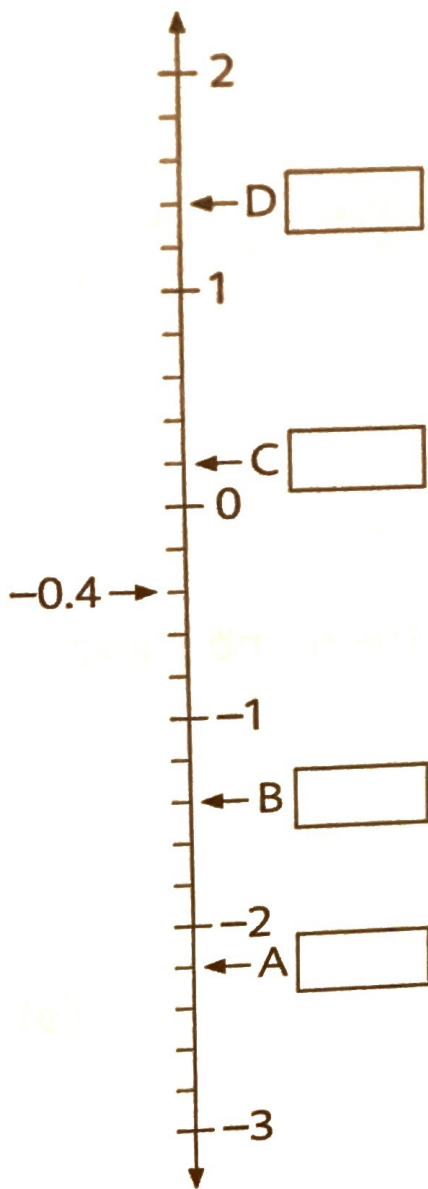
(v)  $-1\frac{2}{5}$

(b) Using the fractions from part (a), complete the sentences.

(i)  is greater than 1.

(ii)  is smaller than  $-2\frac{2}{5}$ .

2. A vertical number line is drawn.



What is the value at each of the following points? Write the values on the number line.

- (a) A
- (b) B
- (c) C
- (d) D

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## Exercise 3 : Comparing Numbers

1. Arrange the numbers from the smallest to the greatest.

(a)  $\frac{1}{3}, \frac{4}{5}, 0, -\frac{2}{7}, -1\frac{1}{5}$

\_\_\_\_\_

(b)  $-0.15, 2, 0.13, 0.2, 0.25$

\_\_\_\_\_

(c)  $\frac{3}{4}, 2.1, 2\frac{1}{5}, -2.55$

\_\_\_\_\_

2. Arrange the numbers in descending order.

(a)  $\frac{2}{5}, \frac{1}{4}, 1.2, -\frac{2}{3}, -\frac{1}{5}$

\_\_\_\_\_

(b)  $-1.05, -2, 0, 1.1, 1.16$

\_\_\_\_\_

(c)  $\frac{4}{5}, 0.9, 1, -2\frac{1}{5}, -2.32$

\_\_\_\_\_

3. Name a number halfway between  $-2.7$  and  $-2.6$ .

4. Name a number halfway between  $-4.5$  and  $-4.56$ .

5. (a) Arrange the digits 2, 3, 5 in the form   $\frac{\text{input type="text"}}{\text{input type="text"}}$  to make the greatest possible mixed number.

(b) Arrange the digits 2, 3, 5 in the form   $\frac{\text{input type="text"}}{\text{input type="text"}}$  to make the smallest possible mixed number.

(c) Arrange the digits 3, 5, 7 in the form   $\frac{\text{input type="text"}}{\text{input type="text"}}$  to make the greatest possible mixed number.

(d) Arrange the digits 3, 5, 7 in the form   $\frac{\text{input type="text"}}{\text{input type="text"}}$  to make the smallest possible mixed number.