Partition, name, and locate unit fractions by using a number line, Practice Set C

Name:

Date:

1. Fill in the missing information in the chart below.

Number Line	Number of equal shares in one whole	Unit Form in Words	Unit Fraction in Numeral Form
0 2	8		
0 2		one half	
0 2			

2. What unit fractions are shown on these number lines? Finish partitioning the number lines and explain your reasoning.

0   **2**

        a. What unit fraction is shown? Explain your reasoning.

0 ⟼⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯ 2

b. What unit fraction is shown? Explain your reasoning.

0 ⟼⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯ 2

c. What unit fraction is shown? Explain your reasoning.

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Answer Key

1. Fill in the missing information in the chart below.

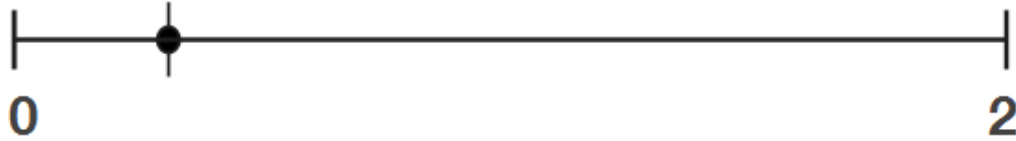| Number Line	Number of equal shares in one whole	Unit Form in Words	Unit Fraction in Numeral Form
	8	one eighth	1/8
	2	one half	1/2
	3	one third	1/3

2. What unit fractions are shown on these number lines? Finish partitioning the number lines and explain your reasoning.

    a. What unit fraction is shown? Explain your reasoning.

If the dot represents the unit fraction, the number line would be partitioned into six units or six equal shares. That means the number line shows sixths and the unit fraction would be one sixth or ⅙.

b. What unit fraction is shown? Explain your reasoning.

If the dot represents the unit fraction, the number line would be partitioned into eight units or eight equal shares. That means the number line shows eighths and the unit fraction would be one eighth or ⅛.

c. What unit fraction is shown? Explain your reasoning.

If the dot represents the unit fraction, the number line would be partitioned into three units or three equal shares. That means the number line shows thirds and the unit fraction would be one third or ⅓.