

Name _____

1. Which represent the decimal 0.3? Select all that apply. **1 point**

3.00

$\frac{3}{10}$

$\frac{3}{100}$

$\frac{30}{100}$

$\frac{30}{10}$

2. Select all the statements that correctly compare two numbers. **1 point**

$32.00 = 3.20$

$32.76 > 32.65$

$31.25 < 32.25$

$16.59 > 16.69$

$12.63 < 12.36$

3. Jackson spends \$12.85 on a book, \$5.89 for lunch, and \$2.35 for a magazine. How much money did he spend in all? Draw or use bills and coins to solve. **1 point**

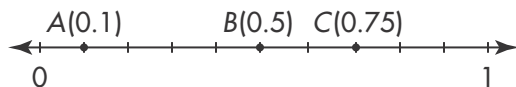
(A) \$12.85

(C) \$15.20

(B) \$21.09

(D) \$18.74

4. Which point is incorrectly labeled? Explain. **2 points**



Point C; Sample answer: 0.75 is $\frac{75}{100}$, and the number line is divided into tenths. Point C is at 0.7.

5. Maria takes the money shown to the art supply store.



Art Supplies	
Tray of Watercolors	\$8.78
Watercolor Paper	\$3.45
Tabletop Easel	\$17.50

A. Does Maria have enough money for all three items? If not, how much more money does Maria need? Explain.

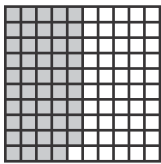
3 points

Yes; Sample answer: Maria has \$37.83; $\$8.78 + \$3.45 + \$17.50 = \29.73 and $\$37.83 > \29.73 , so Maria has enough money.

B. Maria finds an art book on sale for \$12.00. Can she buy all 4 items? If not, how much more money does Maria need? Draw or use bills and coins to solve. **2 points**

No; Sample answer: She needs \$3.90 more to buy all 4 items.

6. Write a fraction and a decimal that represent the part of the grid that is shaded. **1 point**



$\frac{49}{100}$ and 0.49

7. Mark the fraction that is equivalent to the number on the left. **1 point**

	$\frac{3}{10}$	$\frac{30}{10}$	$\frac{3}{100}$	$\frac{300}{10}$
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.03	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

8. Select all the statements that correctly compare two numbers. **1 point**

- $4.77 < 4.47$
 $3.58 > 3.85$
 $11.12 < 111.2$
 $63.9 > 59.6$
 $89.6 = 89.06$

9. What fraction is equivalent to 0.5? **1 point**

Sample answer: $\frac{50}{100}$

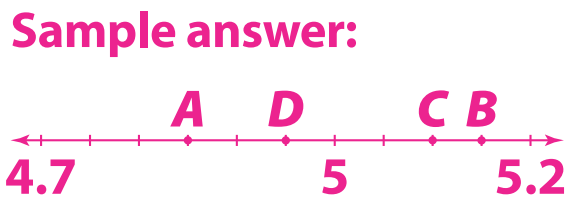
10. Explain how to find the sum of $\frac{9}{100} + \frac{7}{10}$. **1 point**

Sample answer: Multiply the numerator and denominator of $\frac{7}{10}$ by 10 to get an equivalent fraction with a denominator of 100. Then add the numerators and write the sum over 100; $\frac{7 \times 10}{10 \times 10} = \frac{70}{100}$, and $\frac{9}{100} + \frac{70}{100} = \frac{79}{100}$.

11. Use the table below.

A	4.85
B	5.15
C	5.10
D	4.95

Create a number line and plot the value of each letter. **2 points**



12. What decimal represents $\frac{5}{100}$? **1 point**

Sample answer: 0.05