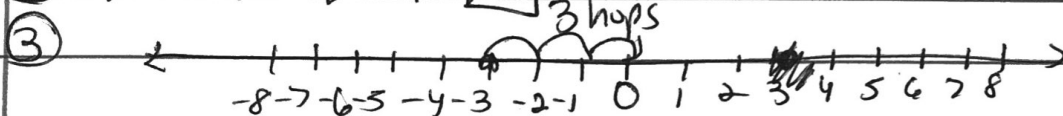


Unit 11 Review

① .25 - rational, real

$\frac{3}{4}$ - rational, real

② $|-4 \times 2| \rightarrow |-8| = \boxed{8}$



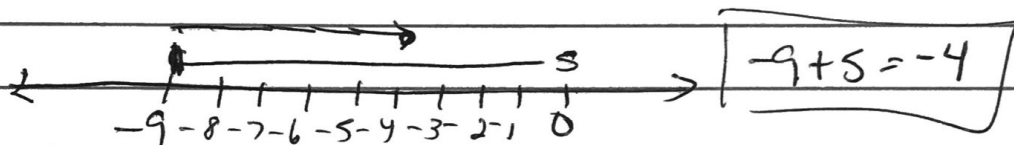
$|-3| = 3$

④ A. -6 $\rightarrow$ integer, rational, real

B. -3.24 $\rightarrow$ rational, real

C. 4 $\rightarrow$ natural, whole #, integer, rational, real

⑤



⑥ opposite of -3 is $\boxed{3}$ $+|-3| = \boxed{3}$

⑦ opposite of 2 is $\boxed{-2}$

$|-8| = \boxed{8}$

⑧ A (2, 3) Quadrant I

B (5, -3) Quadrant IV

C (-1, -5) Quadrant III

⑨ 0 $\rightarrow$ whole, integer, rational, real

⑩ Q III

⑪ $-5(3) = \boxed{-15}$

⑫ $-56 \div 8 = \boxed{-7}$

⑬ 1.505; 1.055; 1.050; 1.005

⑭

$\boxed{\$14.00}$

$\$2.50 = \text{cost of 1 popcorn}$

$$\begin{array}{r} 3 \overline{) 7.50} \\ \underline{6} \\ 15 \\ \underline{15} \\ 00 \\ \underline{0} \\ 0 \end{array}$$

Drinks 5 for \$5.00

$$5 \overline{) 5.00} = \text{cost of 1 drink}$$

4 Drinks = \$4.00
3 popcorn = 7.50
1 more popcorn = 2.50
Total = \$14.00

2

- 15 A (2, 7) Q I
 B (-4, 6) Q 2
 D (-3, 3) Q 3
 E (6, 2) NO Quadrant
 F (7, -5) Q 4

16 $|6-15| \rightarrow |1-9| = \boxed{9}$
 $|6+(-15)| \quad 15-6 = 9 \rightarrow -9$
 6 15

17 $3 + (-5) = -2$

18 $|-2 \times 8 \times 2| =$
 $\downarrow$
 $|-16 \times 2|$
 $\downarrow$
 $|-32| = \boxed{32}$

19 $10 + (-1) + 6 + 0 + (-8)$
 $\downarrow$
 $9 + 6 + 0 + (-8)$
 $\downarrow$
 $15 + (-8)$
 $\downarrow$
 $\boxed{7}$

20 $\frac{2 \cdot 16}{3 \cdot 6} = \frac{12}{18}$ $G \frac{12}{18} = \frac{2}{3}$
 $\frac{4}{18}$ $\frac{6}{18} = \frac{1}{3}$
 $\frac{32}{9 \cdot 2} = \frac{6}{18}$ $\downarrow \frac{4}{18}$
 $\frac{1 \cdot 2}{9 \cdot 2} = \frac{2}{18}$ $L \frac{2}{18} = \frac{1}{9}$

3, 6, 9, 12, 15, 18
 18
 9, 18

$G \rightarrow L$
 $\frac{2}{3}, \frac{3}{9}, \frac{4}{18}, \frac{1}{9}$