



Grade 9 Warm Up



3) Determine two rational numbers between each of the following

a) -2.3 , -2.34

-2.30 -2.34
 -2.31
 -2.32
 -2.33

b) $-\frac{1}{2}$, $\frac{2}{3}$

$-\frac{3}{6}$ $\frac{4}{6}$
 $-\frac{2}{6}$, $-\frac{1}{6}$, $\frac{0}{6}$, $\frac{1}{6}$, $\frac{2}{6}$, $\frac{3}{6}$

4) Determine which number is greater (Show all work) Greater $>$, Less $<$, =Equal

a) 0.67 $\frac{2}{3}$

$0.670 > 0.666$
 ↑
 Bigger

b) $-\frac{4}{5}$ $-\frac{2}{15}$

$-\frac{12}{15} < -\frac{2}{15}$
 ↑
 Bigger



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5) Evaluate each of the following:

a) $-21.25 + 3.25$

-18

b) $-11.3 - (-2.4)$

-8.9

c) $7.35 + (-2.22)$

5.13

d) $-9.66 - (8.15)$

-17.81



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6) Evaluate each of the following:

$$\begin{aligned} \text{a) } & \frac{8}{3} + \frac{5}{4} \\ & \frac{32}{12} + \frac{15}{12} \\ & = \frac{47}{12} \\ & = 3\frac{11}{12} \end{aligned}$$

$$\begin{aligned} \text{b) } & -4\frac{2}{3} + \left(3\frac{1}{6}\right) \\ & \frac{-14}{3} + \frac{19}{6} \\ & \frac{-28}{6} + \frac{19}{6} \\ & \frac{-9}{6} \\ & = -1\frac{3}{6} \\ & = -1\frac{1}{2} \end{aligned}$$

$$\begin{aligned} \text{c) } & \frac{-1}{6} - \frac{2}{3} \\ & \frac{-1}{6} - \frac{4}{6} \\ & \frac{-5}{6} \end{aligned}$$

$$\begin{aligned} \text{d) } & 2\frac{1}{7} - \left(-3\frac{2}{3}\right) \\ & \frac{15}{7} - \left(-\frac{11}{3}\right) \\ & \frac{45}{21} + \frac{77}{21} \\ & \frac{122}{21} \\ & 5\frac{17}{21} \end{aligned}$$



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7) Evaluate the following expressions:

$$\text{a) } -\frac{4}{3} - \left(-\frac{7}{2}\right) + \frac{6}{5}$$

$$\frac{-8}{6} + \frac{21}{6}$$

$$\frac{13}{6} + \frac{6}{5}$$

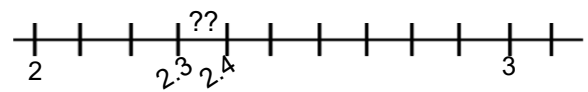
$$\frac{65}{30} + \frac{36}{30}$$

$$\frac{101}{30}$$

$$3\frac{11}{30}$$

$$\text{b) } 23.5 + (-12.61) - 3.2$$

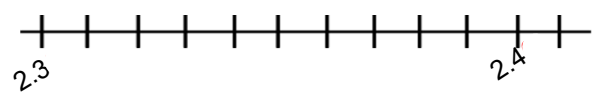
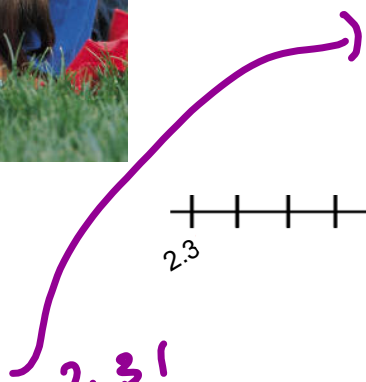
$$\begin{aligned} & \checkmark \\ & 10.8 - 3.2 \\ & = 7.69 \end{aligned}$$



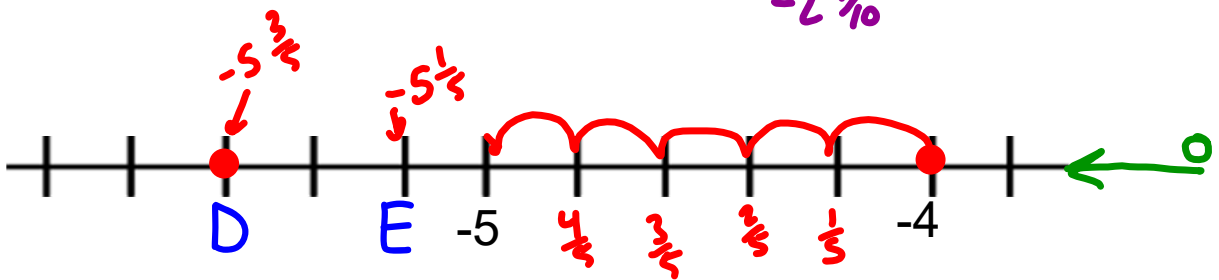
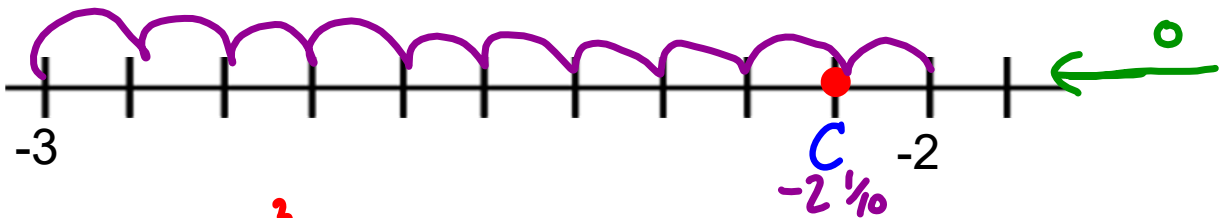
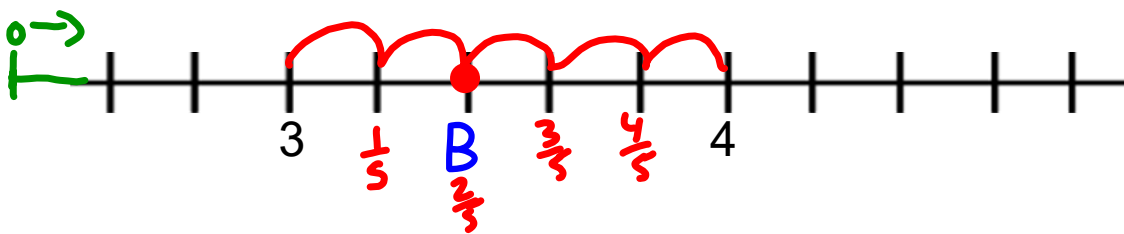
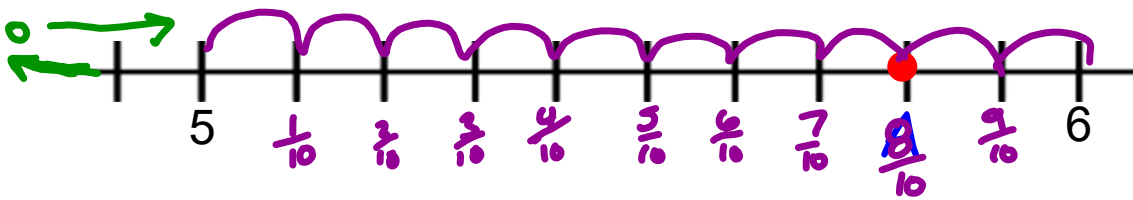
Hint... Add a _____ place holder at the end of the decimal.

2.3 0

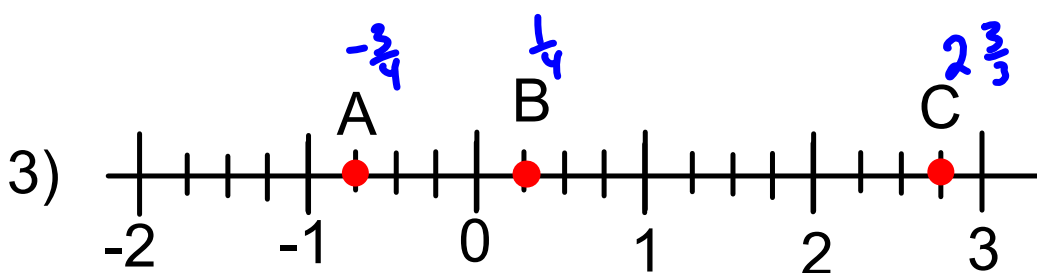
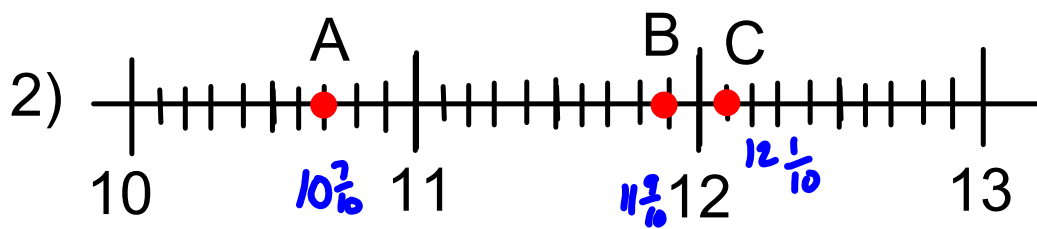
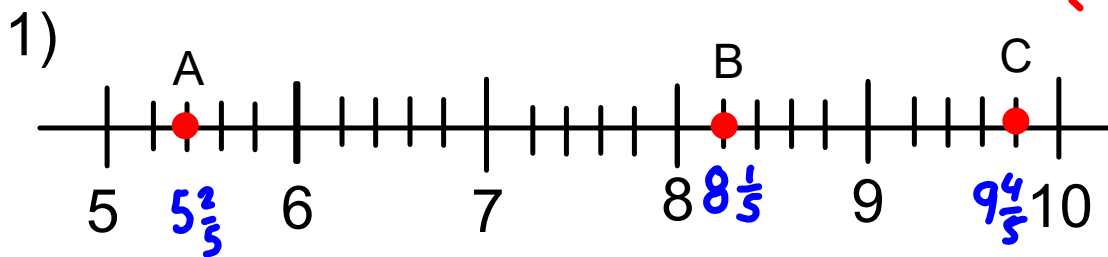
2.4 0

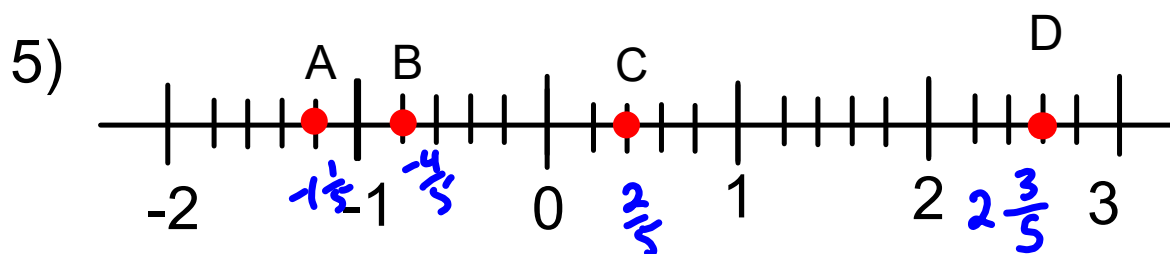
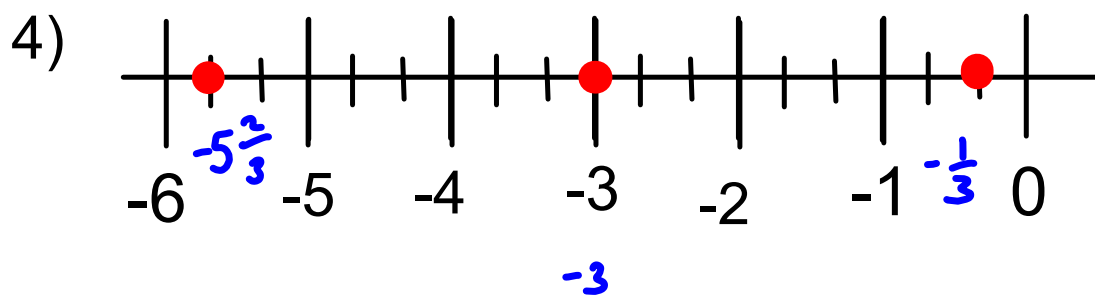


2.31
2.32
⋮
2.39



State the fraction and decimal for each





Quiz Review

Things to know from Section 3.1

- How to change a fraction to a decimal
- Change Improper Fractions to mixed and Mixed to Improper
- Equivalent fractions
- Compare and Order fractions

Quiz Review

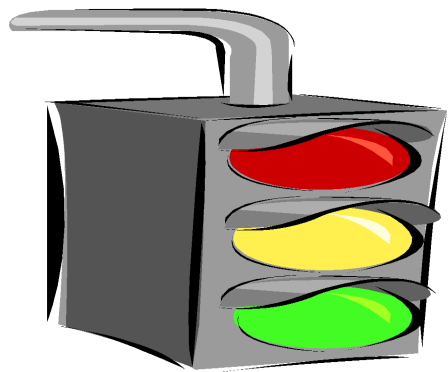
Things to know from Section 3. 1

- To add fraction you **MUST** have common denominators
- If you see decimals you can use your calculator and answer in decimal form.
- IF you see fractions in the question then you **MUST** work with fractions
- In order to add Mixed Fractions you **MUST** change them to improper fractions and then find common denominators

Quiz Review

Things to know from Section 3.

- To subtract fraction you **MUST** have common denominators
- If you see decimals you can use your calculator and answer in decimal form.
- IF you see fractions in the question then you **MUST** work with fractions
- In order to subtract Mixed Fractions you **MUST** change them to improper fractions and then find common denominators



Note:

**YOU HAVE A QUIZ NEXT
CLASS**

Homework

Page 101-103

Questions: 8, 9abc

Quiz Review

Page 121:

2, 3, 4ad, 5b(i, ii, iii), 6, 7,8, 9