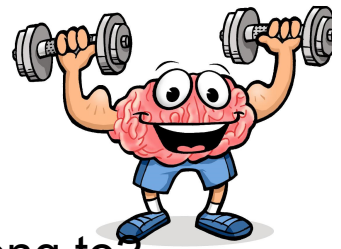


Warm-Up September 14, 2015



A. What group[s] of numbers does each belong to?

[rational, irrational]

- 1. square root of 7 *2.64575131 Irrational*
- 2. square root of 25 *$\sqrt{25} = 5$ Rational*
- 3. -3.5 *Rational*

B. Order from Greatest to least

-1.20, -8.50
~~-1.2, -8.5, -1.21, -0.65, -0.83, -1.31~~

-0.65, -0.83, -1.20, -1.21, -1.31, 8.5

3. Which is greater?

A. $2.4 \leq 2.\dot{4}$
 $2.40 \qquad 2.44$

B. $-2\frac{1}{3} > -2\frac{2}{5}$
 $-2.\dot{3} \qquad -2.4$

$<$ less than

$>$ greater

1. C

2. B

3. A

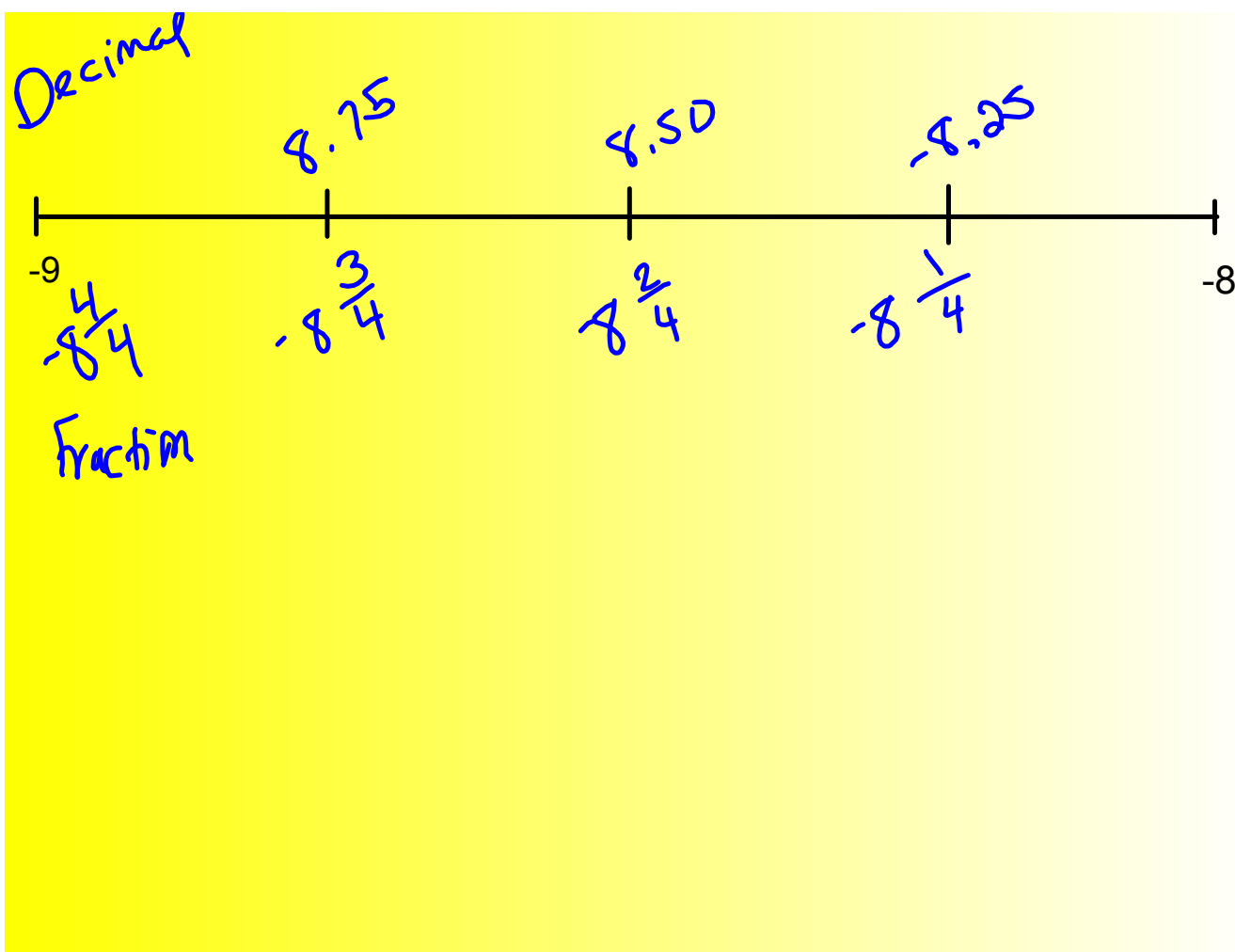
4. C

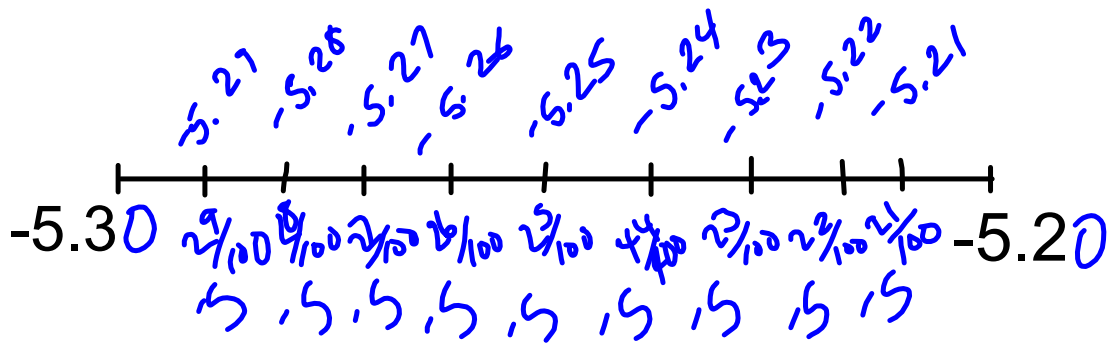
5. B

6. $3.\bar{3}$

7. $-\frac{5}{2}$

8. a) $-\frac{18}{5} > -\frac{11}{3}$ b) $3^{\frac{3}{5}} > 3^{\frac{1}{2}}$





Order these rational numbers from least to greatest:

$$1.13, \overset{-3.33}{\cancel{\frac{-10}{3}}}, \cancel{-3.4}, 2.7, \overset{0.43}{\cancel{\frac{3}{7}}}, 2$$

Record your answer in its original format!

$$-3.4, \frac{-10}{3}, \frac{3}{7}, 1.13, 2, 2.7$$

Greatest to Least

$$\frac{2}{-5}, -1.3, \frac{-5}{3}, \sqrt{3}, -0.3, 0.57, \frac{1}{6}$$

$$\sqrt{3}, 0.57, \frac{1}{6}, -0.3, \frac{-2}{5}, -1.3, \frac{-5}{3}$$

Worksheet to see what you understand...pass in then work on homework!!!



Classwork/ Homework

*Ask questions
about anything
you don't
understand!*

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#8[A,C] draw the number lines and fill in the rational numbers as a **dec**

#10[A,C] draw the number lines and fill in the rational numbers as a **fr**

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21, 23[A,C]. 24 [a,b]

Quiz Tomorrow Section 3.1!!

