

1) Identify whether the number is rational or irrational

$\frac{2}{3}$	$1.\overline{66}$	$1.234567\dots$	$-2.25$
$\frac{2}{3} \rightarrow Q$	$Q$	$\overline{Q}$	$Q$

2) Express each fraction as a decimal

a)  $\frac{4}{5} = 0.8$       b)  $\frac{9}{6} = 1.5$       c)  $\frac{3}{11} = 0.\overline{27}$

3) Find two rational numbers between...

(Decimals may be used on this side.)

$-\frac{1}{4}$	$-\frac{2}{10}$
$-0.25$	$-0.20$
$-0.21$	
$-0.24$	

(NO Decimals please!!)

$\frac{5}{16}$	$\frac{3}{4} \times \frac{4}{4}$
$\frac{5}{16}$	$\frac{12}{16}$
$\frac{8}{16}$	$\frac{9}{16}$
	$\frac{10}{16}$

Questions from yesterday's homework?



# Homework

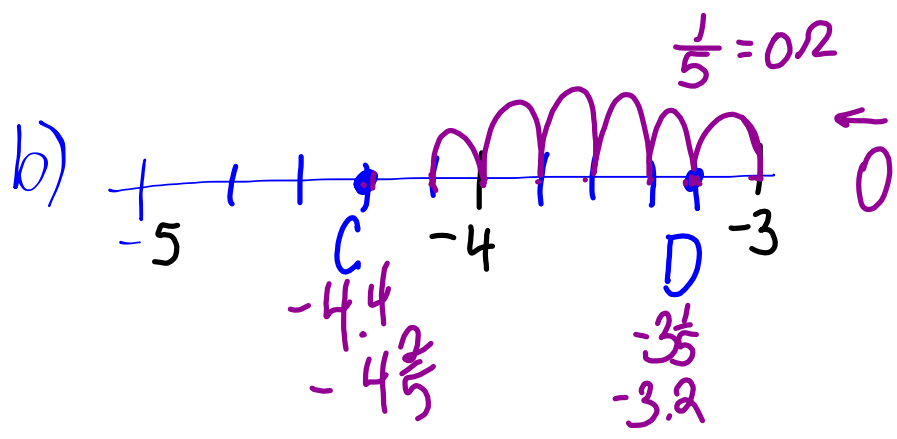
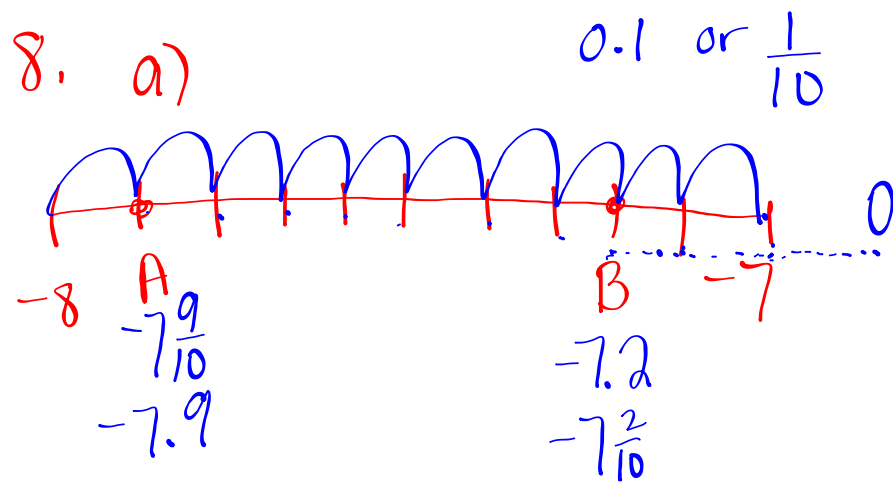
Page 101-103

Questions: 5, 6ac, 7ad  
8, 10cd, 12af, 16bf, 21


5, 8, 10

$$-\frac{2}{3} = -\frac{2}{3} = \frac{2}{-3}$$

$-0.\overline{6}$      $-0.\overline{6}$      $-0.\overline{6}$



Arrange the numbers from least to greatest.



$\frac{3}{8}$ ,  $\frac{5}{9}$ ,  $\frac{10}{4}$ ,  $-1\frac{1}{4}$ ,  $\frac{7}{10}$ ,  $\frac{8}{3}$

~~$-0.375$~~     $0.\overline{5}$     ~~$-2.5$~~     ~~$-1.25$~~     ~~$0.7$~~     $2.\overline{6}$

$-\frac{10}{4}$ ,  $-\frac{1}{4}$ ,  $-\frac{3}{8}$ ,  $\frac{5}{9}$ ,  $\frac{7}{10}$ ,  $\frac{8}{3}$

## Addition of Integers



### Copy Down

If the signs are the **same**:

Keep the same sign, and ADD.

$$(-4) + (-2) = -6$$

If the signs are **different**:

Cover up the signs

Find the biggest number

Take the sign of the BIGGEST number, and find the difference between the two numbers.

$$(-8) + (2) = -6$$

Eight is bigger than 2, when you don't look at the negative sign.

$$(-2.5) + 6.7 = + 4.2$$

We use the same rules with decimals:



$$1) (-2.1) + (-1.7) = \underline{-3.8}$$

$$2) (-6.8) + 1.5 = \underline{-5.3}$$

$$3) (-7.1) + 12.3 = \underline{5.2}$$

If you use a calculator,  
make sure you know how  
to input negative numbers!



# Class/Homework

Page 101

18ac

17ac, ~~21~~, 24ac,

