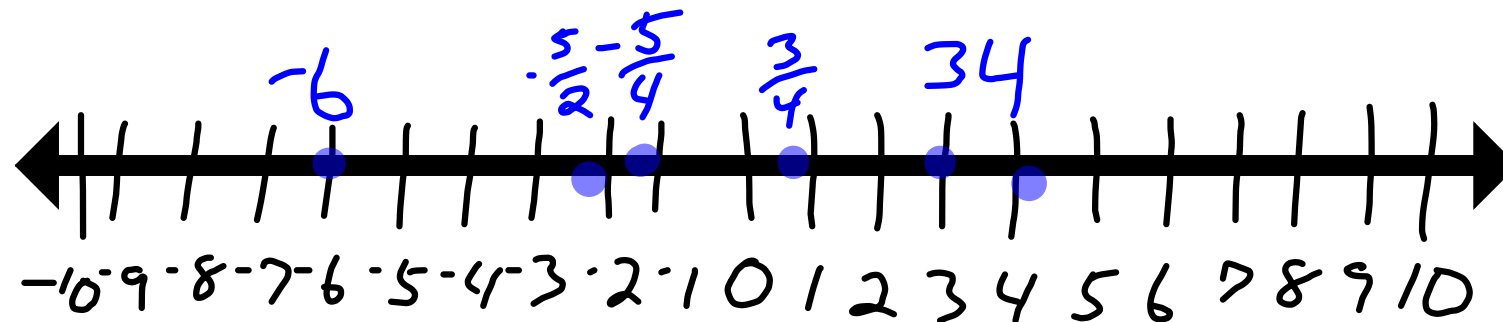


Ch. 2 Test

Nov. 8, 2006

Draw a # Line:



Graph: $4, -6, -\frac{5}{4}, -\frac{5}{2}, \frac{3}{4}, 3$

Rewrite in increasing order

$-6, -\frac{5}{2}, -\frac{5}{4}, \frac{3}{4}, 3, 4$

Defⁱⁿ

Absolute Value:

Distance From Zero!

Give opposite:

$$1 \rightarrow \underline{\underline{-1}}$$

$$1.3 \rightarrow \underline{\underline{-1.3}}$$

$$-4 \rightarrow \underline{\underline{4}}$$

Abs. Value:

$$|-5.1| = 5.1$$

$$|-18| = 18$$

$$= \left| -\frac{1}{2} \right| = \underline{\underline{\frac{1}{2}}}$$

$$= |8.3| = \underline{\underline{8.3}}$$

$$\underline{11 + (+4)} + (-3)$$

$$\underline{15 + (-3)}$$

$$\underline{\underline{12}}$$

$$\underline{-3 + (+8)}$$
$$\underline{\underline{5}}$$

$$-3 - (-8)$$

Product:

$$-8(-100) = \underline{\underline{800}}$$

$$-3(15^3)\left(\frac{-2}{5}\right) = \underline{\underline{63}}$$

Simplify: -No Grouping Symbols
-Combine like terms.

$$-5(\cancel{w})(\cancel{w}) = \underline{\underline{-5w^2}}$$

$$-15(\cancel{z})^3 = \underline{\underline{-15z^3}}$$

Dist. Prop.

$$7(x-5)$$

$$7(x) - 7(5)$$

$$\underline{\underline{7x - 35}}$$

$$(5-x)4$$

$$4(5) - 4(x)$$

$$\underline{\underline{20 - 4x}}$$

$$-(10-7)$$

$$\begin{array}{l} -1(10) \oplus +1(7) \\ -10 + 7 \\ \underline{\underline{\hspace{1cm}}} \end{array}$$

Quotient:

$$36 \div (-4)$$

$$\cancel{36}^9 \cdot \frac{1}{\cancel{-4}} = \underline{\underline{-9}}$$

$$-\frac{3}{8} \div \frac{1}{2}$$

$$-\frac{3}{\cancel{48}} \cdot \frac{\cancel{2}}{1} = \underline{\underline{-\frac{3}{4}}}$$

Sub. + Solve

- No Decim.

fractions only

- find the Domains.

↳ Notes of Function Pick-Up
Day