

$$2\frac{1}{3} \cdot 1\frac{1}{3}$$

$$= 7\frac{4}{3}$$

$$= \frac{28}{3}$$

$$\begin{array}{r} 9 \\ 9 \\ \hline \end{array} \checkmark$$

$$\begin{array}{r} 18 \\ 9 \\ \hline 27 \end{array} \checkmark$$

$$\frac{28}{9} -$$

$$3\frac{1}{9}$$

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

$$1\frac{3}{4}$$

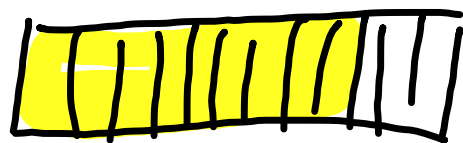
$$\frac{7}{3} \div \frac{4}{3} =$$



$$\frac{7}{3} \cdot \frac{3}{4} = \frac{21}{12} = 1\frac{9}{12}$$



1

 $\frac{9}{12}$

prob 3-51

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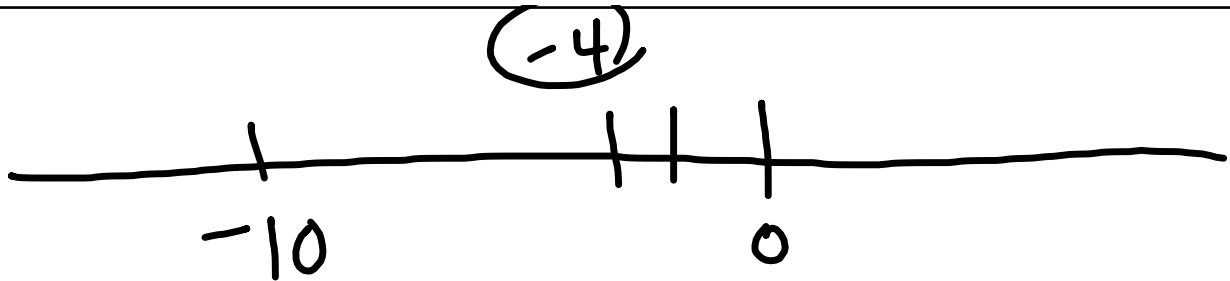
a) pos.

b) pos

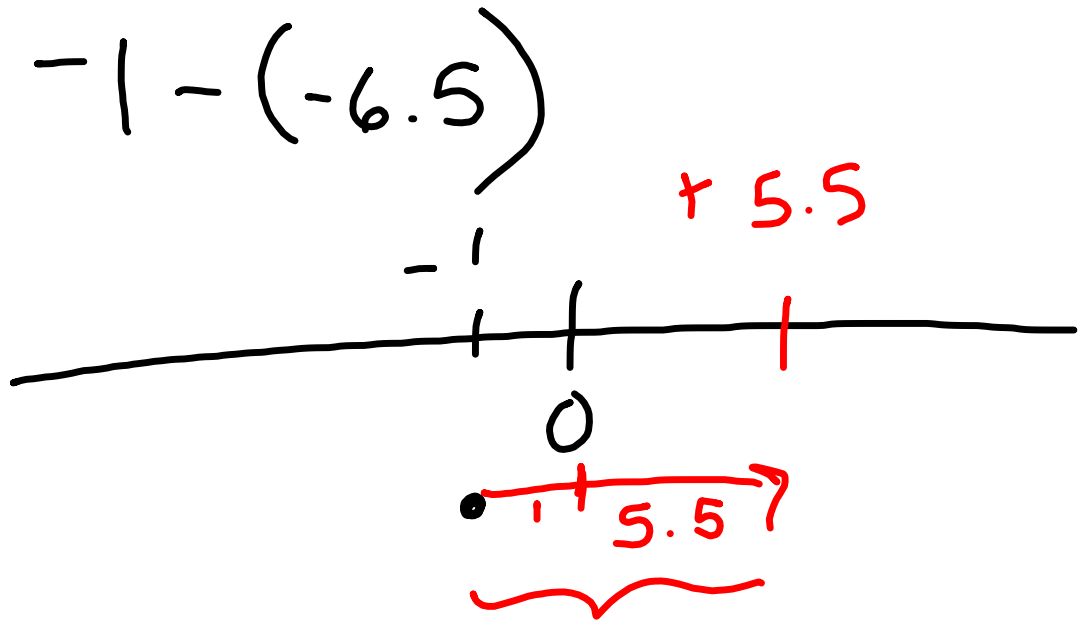
c) negative

d) negative

e)



$$-10 - (-2) - (-2) - (-2)$$



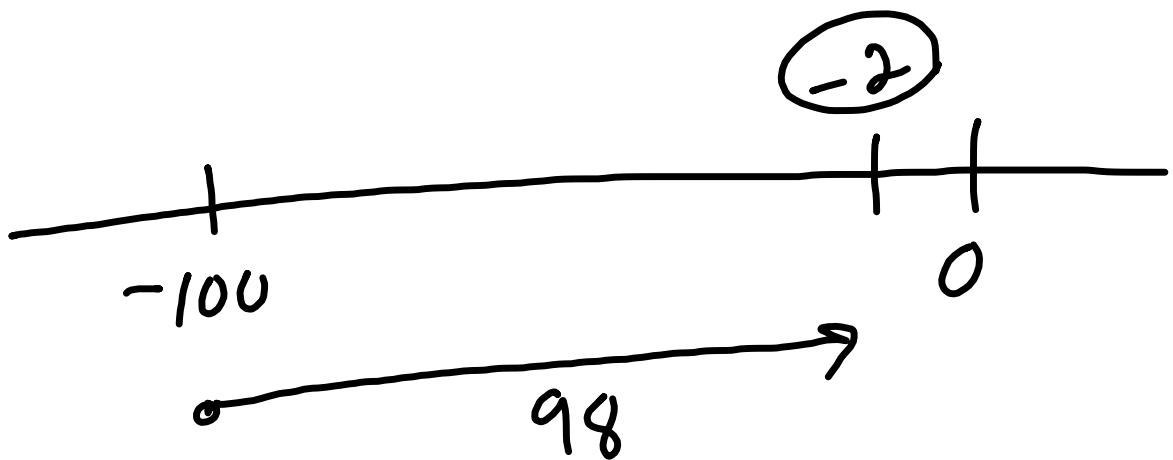
$$2.2 - (-2.2)$$

$$4.4$$

$$\begin{array}{r} 2.2 \\ + 2.2 \\ \hline 4.4 \end{array}$$

1

$$-100 - (-98)$$



$$10 + 3(2) =$$
$$10 + 6 = 16$$

$$10 - 3(2) =$$
$$10 - 6 = 4$$

$$10 + 3(-2) =$$
$$10 + (-6) = 4$$

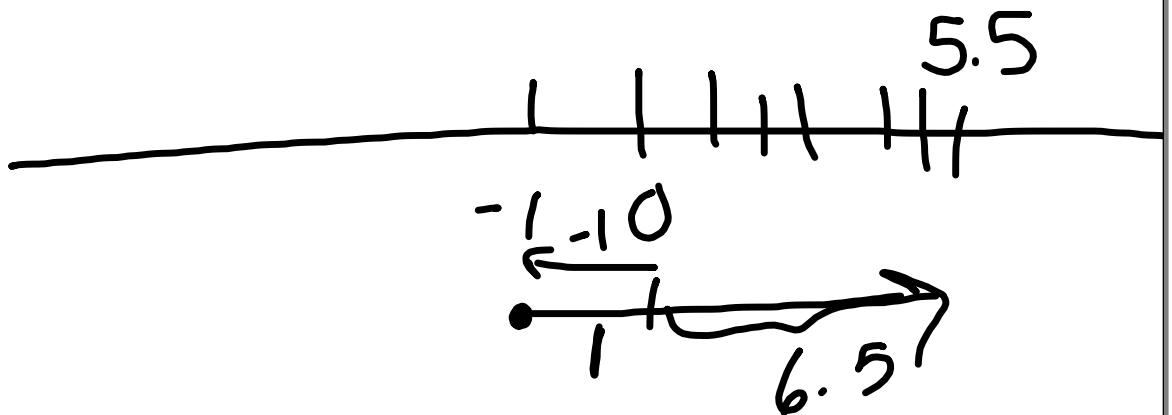
$$10 - 3(-2) =$$
$$10 - (-6) =$$
$$10 + 6 = 16$$

$$7(-11) = -77$$


$$-7(-11) = 77$$

Neg · Neg = Positive

$$\begin{aligned} -1 - (-6.5) &= \\ -1 + 6.5 & \end{aligned}$$



$$2 - (-2) = 2.2 - (-2.2)$$

$$\begin{array}{cccc} + & + & + & + \\ - & - & & \end{array}$$


$$\begin{aligned} 2.2 - (-2.2) &= \\ 2.2 + 2.2 &= 4.4 \end{aligned}$$

$$10 + 3(2) =$$
$$10 + 6 = 16$$

$$10 + 3(-2) =$$
$$10 + (-6) = 4$$

$$10 - 3(2) =$$
$$10 - 6 = 4$$

$$10 - 3(-2) = 10 - (-6) =$$
$$10 + 6 = 16$$

$$3(2) = 6$$

$$3(-2) = -6$$

$$-3(2) = -6$$

$$-3(-2) = 6$$

$$P \cdot P = P$$

$$P \cdot N = N$$

$$N \cdot P = N$$

$$N \cdot N = P$$

$$-3 - (-2)$$

$$6(-2) = -12$$

$$6(2) =$$

$$-6(2) =$$

$$-6(-2) =$$

prob 3-51

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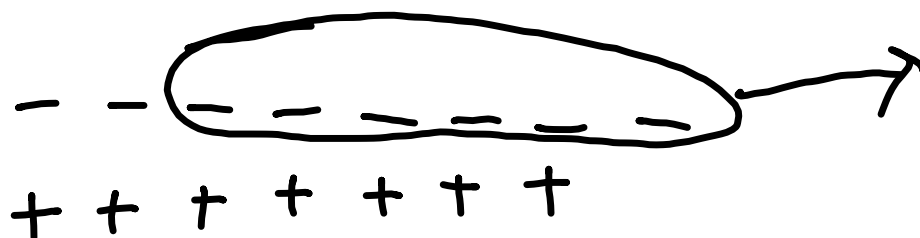
a)

b)

c)

d)

e)



$$-1 - (-6)$$

$$10 + 3(2) =$$
$$10 + 6 = 16$$

$$10 + 3(-2) =$$
$$10 + (-6) = 4$$

$$10 - 3(2) =$$
$$10 - 6 = 4$$

$$10 - 3(-2) =$$
$$10 - (-6) =$$
$$10 + 6 = 16$$

$$3(2) = 6 \quad P \cdot P = P$$

$$3(-2) = -6 \quad P \cdot N = N$$

$$-2(3) = -6 \quad N \cdot P = N$$

$$-3(-2) = 6 \quad N \cdot N = P$$

prob 5-31

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$$a) -1 - (-6) =$$

$$\begin{array}{cccccc} - & - & - & - & - & - \\ + & + & + & + & + & + \end{array} = +5$$

$$2.2 - (-2.2) =$$

$$2.2 + 2.2 = 4.4$$

$$(3) + (3) = 6$$

$$2(3) = 6$$

$$P \cdot P = P$$

$$(-3) + (-3) = -6$$

$$2(-3) =$$

$$-6$$

$$P \cdot N = N$$

$$-(3) - (3) =$$

$$-2(3) =$$

$$-6$$

$$N \cdot P = N$$

$$P \cdot P = P$$

$$P \cdot N = N$$

$$N \cdot P = N$$

$$N \cdot N = P$$

P = Positive

N = Negative

$$10 + 2(3) = 10 + 6 = 16$$
$$10 - 2(-3) = 10 - (-6) = 10 + 6 = 16$$

$$10 - 2(3) = 10 - 6 = 4$$
$$10 + 2(-3) = 10 + (-6) = 4$$

$$2(6) = 12$$

$$2(-6) = -12$$

$$-2(6) = -12$$

$$-2(-6) = 12$$