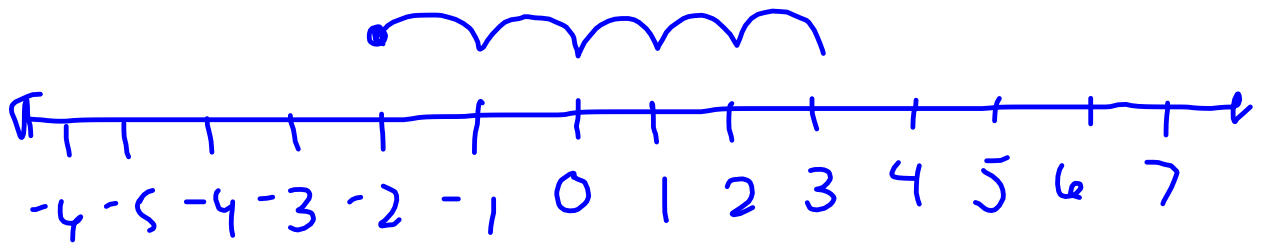



Sept. 7, 2017


Warmup

$$\begin{aligned} \text{a) } & -2 - (-5) \\ & = -2 + 5 = \boxed{3} \end{aligned}$$

$$\begin{aligned} \text{b) } & 5 + (-3) - (-6) \\ & = 5 - 3 + 6 \\ & = \boxed{8} \end{aligned}$$




subtracting


adding

Sept. 7, 2017

Multiplying and Dividing
Integers

The rules for multiplying
are:

$$+ \times + = +$$

$$- \times + = -$$

$$+ \times - = -$$

$$- \times - = +$$

Ex. 1

$$a) -3 \times (-2) = \boxed{+6}$$

$$b) 4 \times (-3) = \boxed{-12}$$

$$c) (-5) \times 3 = \boxed{-15}$$

$$d) (-4) \times (-2) \times 3$$

$$= +8 \times 3 = \boxed{24}$$

$$e) (-6) \times (-3) \times (-2)$$

$$= +18 \times (-2)$$

$$= \boxed{-36}$$

$$f) 36 \div (-6) =$$

$$\frac{36}{-6} = \boxed{-6}$$

$$g) \frac{-24}{-3} = \boxed{+8}$$

$$h) \frac{232}{-4} = \boxed{-58}$$

$$i) (-3) \times (-2) \times (-5)$$

$$= +6 \times (-5)$$

$$= \boxed{-30}$$