

Sept. 7, 2017

Grade 8 Review

Integers

These are positive and
negative numbers .

(number-line)

Ex. 1

a) $2 + 3 = \boxed{5}$

b) $(-2) + (-3) =$

$(-2) - 3 = \boxed{-5}$

$$c) (-4) + (-2)$$

$$= (-4) - 2 = \boxed{-6}$$

$$d) 3 + (-8)$$

$$= 3 - 8 = \boxed{-5}$$

$$e) 18 - (-4)$$

$$= 18 + 4 = \boxed{22}$$

$$f) -2 - (-5)$$

$$= -2 + 5 = \boxed{3}$$



$$5 - 2$$

$$g) -13 + (-8) - (-7)$$

$$= -13 - 8 - (-7)$$

$$= -21 - (-7)$$

$$= -21 + 7$$

$$= \boxed{-14}$$

Solutions from Sheet

MFM1P Integers Homework Sheet

1) Use a number line to add

$$\text{a) } 6 + (-4) = \boxed{2}$$

$$\text{c) } -7 + 2 = \boxed{-5}$$

$$\text{b) } 10 + (-3) = \boxed{7}$$

$$\text{d) } -3 + (-5) = \boxed{-8}$$

2) Add

$$\text{a) } 5 + (-3) + 1 = \boxed{3}$$

$$\text{c) } (-6) + (-6) + (-6) = \boxed{-18}$$

$$\text{b) } 4 + (-1) + (-2) = \boxed{1}$$

$$\text{d) } (-4) + (-6) + 3$$

$$\boxed{-7}$$

3) Use a number line to subtract

$$\text{a) } 7 - 8 = \boxed{-1}$$

$$\text{c) } 6 - (-3) = \boxed{9}$$

$$\text{b) } 3 - (-9) = \boxed{12}$$

$$\text{d) } 1 - (-4) = \boxed{5}$$

4) Subtract

$$\text{a) } 15 - 5 - 2$$

$$\text{c) } -3 - (-2) - 6$$

$$\text{b) } -7 - 5 - (-4)$$

$$\text{d) } -10 - (-5) - (-6)$$

$$2a) 5 + (-3) + 1$$

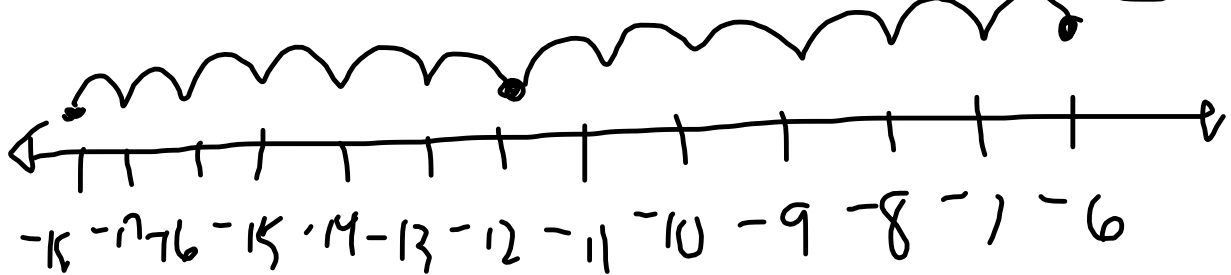
$$= 5 - 3 + 1$$

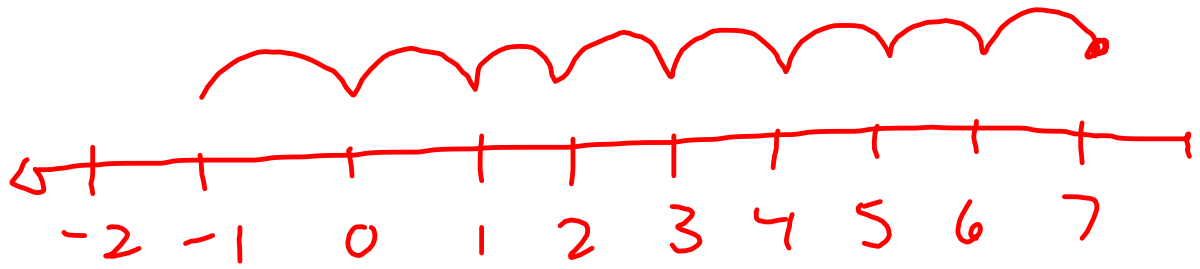
$$= 2 + 1$$

$$= \boxed{3}$$

$$2c) (-6) + (-6) + (-6)$$

$$= -6 - 6 - 6 = \boxed{-18}$$





$$3b) 3 - (-9)$$

$$= 3 + 9 = 12$$

$$4a) 15 - 5 - 2$$

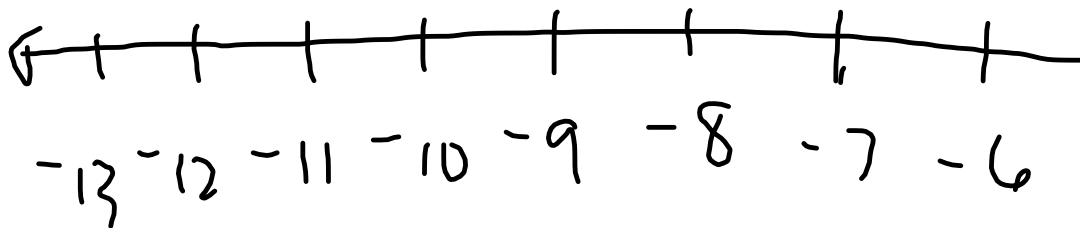
$$= 10 - 2$$

$$= \boxed{8}$$

$$46) -7 - 5 - (-4)$$

$$= -7 - 5 + 4$$

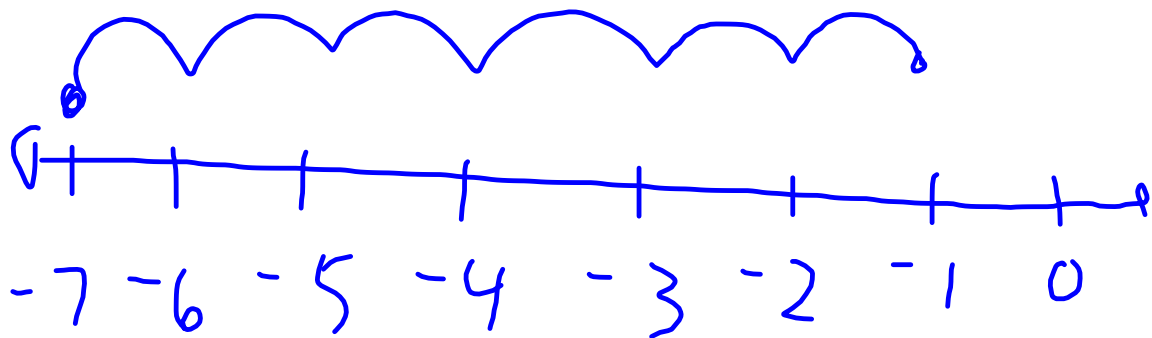
$$= -12 + 4 = \boxed{-8}$$



$$c) -3 - (-2) - 6$$

$$= -3 + 2 - 6$$

$$= -1 - 6 = \boxed{-7}$$



$$d) -10 - (-5) - (-6)$$

$$= -10 + 5 + 6$$

$$= -5 + 6$$

$$= \boxed{1}$$

BEDMAS

This is used to show what order you do the math.

B r a c k e t s

E x p o n e n t s

D i v i s i o n

M u l t i p l i c a t i o n

A d d i t i o n

S u b t r a c t i o n