

SOUT 2nd Level Maths & Numeracy

P7 HELP SHEETS

week beginning 04.05.20

NUMERACY - TJ2b Ch8 - Negative Numbers

An integer is simply a negative or a positive whole number or zero.

Examples :-

-1, -64, 6, 42, 0, -14, 7 000, -9876, ... are all integers.

$9\frac{5}{8}$, $\frac{1}{4}$, $7\frac{5}{8}$, $-3\frac{1}{3}$, $1\frac{1}{3}$, -432.1, ... are not integers

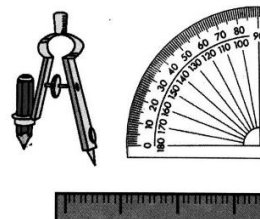
When adding or subtracting negative numbers, draw a thermometer, or at least imagine one!

Example 1 :-	$3 + 9$	
	Imagine the 3 on a thermometer.	
	Now do the "+9" by going up 9.	$3 + 9 = 12$
Example 2 :-	$4 + (-9)$	
	Imagine the 4 on a thermometer.	
	Now do the "+(-9)" by going down 9.	$4 + (-9) = -5$
Example 3 :-	$4 - 11$	
	Imagine the 4 on a thermometer.	
	Now do the "-11" by going down 11.	$4 - 11 = -7$

MATHS - TJ2b Ch5 - Angles

The best way to draw a triangle :-

- Make a rough sketch first.
- Then make an accurate drawing using a ruler, a pair of compasses and a protractor.



Calculating a Missing Angles Extension

Remember

A right angle has 90° .

A straight angle has 180° .

Be able to calculate a missing angle

Examples :- Calculate the value of ? in each of the following :-

$? + 30 = 90$
so $? = 60^\circ$

$? + 70 = 180$
so $? = 110^\circ$