

### L 3 ALL CLASSES

#### WEEK 3 MATHEMATICS HOME ACTIVITY

**N.B: WRITE ALL Questions on the BACKSIDE OF YOUR NOTEBOOK**

**Q1.** Kalisa is four times as old as his son, and his daughter is 5 years younger than his brother. If their combined ages amount to 73 years, find the age of each person.

**Q2.** Concrete is a mixture of cement, sand and aggregate. If 4kg of sand and 6kg of aggregate are used with each kg of cement, how many kg of each are required to make 1,210 kg?

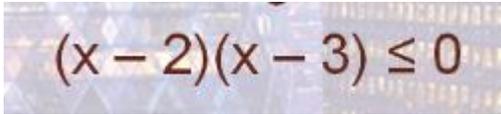
**Q3.** The yield from 50 acres of wheat was more than 1,250 tones. What was the yield per acre?

**Q4.** Solve and write the solution:

a)  $(3x+7)(x-2) < 0$

b)  $\frac{x+4}{2x-1} \geq 0$

c)


$$(x - 2)(x - 3) \leq 0$$