

MATHEMATICS

1. The price of a laptop increases by 9% in the first month and then by 15% in the second month before it stabilized to a constant price. Finally, the laptop was valued at 1,203,360. Find the initial price (**06 scores**)
2. Construct an equilateral triangle ABC of sides 7cm. bisect AB and BC and let the bisectors intersect at X, with X as the centre and radius XA. Draw a circle. (**6 scores**)
3. The table below shows students' marks in two mathematics tests. For each one, calculate the percentage difference say, if it is an increase or a decrease.

	Student	First test	Second test
a)	Marion	50	45
b)	James	40	52
c)	Christina	20	35
d)	Sarah	60	50