1. *In the following figure, AOB is a straight line. Find x and also the measure of each angle. (2)*

C

B

A

0

x

2x

1. *In the given below figure, p|| q and t is a transversal line such that, if* $∠1=65^{0}$ *then find the measure of* $∠2,∠3,∠4,∠5,∠6,∠7and ∠8$*. (4)*

2

1

8

7

6

5

4

3



1. *In the given figure, decide whether l is parallel to m or not (1)*

*l*

*m*

$$70^{0}$$

1. If Rs 75000 is divided among A, B and C in the ratio of 6:5:4, then find how much is the share of each. (3)
2. Sarla scored 540 marks out of 600 in her exams. Anu scored 440 marks out of 500. Who performed better? (3)
3. A shopkeeper sold an article for Rs 300, thereby making a profit of 25%. What did the article cost him? (3)
4. Find the simple interest on Rs 5000 for 2 years at 6% per annum. Also find the amount. (4)