

QUESTION 1

- a Divide \$36 in the ratio of 4 : 5. _____
- b Divide \$40 in the ratio of 3 : 2. _____
- c \$200 is divided in the ratio 6 : 4. What is the smaller part? _____
- d \$45 is divided in the ratio 5 : 4. What is the larger part? _____

QUESTION 2

- a The ratio of boys to girls is 2 : 3. If there are 12 boys, how many girls are there? _____
- b Two girls aged 12 years and 15 years divide \$72 in the ratio of their ages. How much does each girl receive? _____
- c The three angles of a triangle are in the ratio 2 : 3 : 4. Find the size of each angle. _____
- d Find the ratio of the areas of two squares whose sides are 3 cm and 5 cm, respectively. _____
- e A piece of rope is cut into three lengths in the ratio 2 : 3 : 5. If the smallest length is 6 m, find the length of the original rope. _____

QUESTION 3

- a A rectangle has length 16 cm and breadth 8 cm. What is the ratio of its length to its perimeter? _____
- b In a class of 30 students, the ratio of passes to failures in a test was 5 : 1. Find the number of students who passed. _____
- c Two brothers are to share an inheritance of half a million dollars in the ratio 12 : 13. How much is the smaller share? _____
- d The ratio of adults to children on a train trip is 3 : 2. If the train carries 800 passengers, find the number of adults and children on the train. _____