General

1. Two boys earn $58 by taking passengers on their raft. If the boy who owns the boat receives $15 more than the other boy, how much does each boy receive?

2. A basketball team played 27 games and has lost 3 less then it won. How many games did the team win?

3. Wally and his brother have $83. If his brother has 7 less than twice Wally's money, how much has each boy?

4. A man and his daughter catch 320 fish over the summer. The daughter catches ten more than twice the man, how many fish did each catch?

5. A father is sharing $16,000 with his son and daughter. His daughter's share, who took care of him, was $500 less than twice the share of the son. How much did each receive.

6. During the summer vacation, Billy earned $80 more than twice his brother Roberto. Together they earned $1580. How much did each brother earn?

7. A right triangle has acute angles whose measures have a ratio of 1:3, find the measure of the three angles.

8.   The measure of one supplementary angles is twice the other angle. What is the measure of each angle. (Supplementary angles are two angles whose sum is 180˚)

9.   The distance from New York to Chicago is 912 miles. If this is 24 miles less than four times the distance from New York to Boston, what is the latter's distance?

10.   The Eiffel Tower is 984 feet tall. If this is 126 feet less than twice the height of the Washington Monument, what is he height of the Washington Monument?

11.   Three business partners divided $14,000 among them. The second partner received $2000 more than the first and the third partner received twice as much as the first. How much did each partner receive?

12.   Separate 400 into two parts such that one part exceeds the three times the other part by 60.

13.   Separate 95 into two parts so that one part exceeds the other part by 30.

14.   If a certain amount of money is increased by $150 and the result is multiplied by four, the final result is $1000. What was the original amount of money

15. Separate $100 into three parts so that three times the sum of $5 and one of the parts is equals each of the other parts.

16. A man walked 15 miles, rode a certain distance, then took a boat for twice as far as he has previously traveled. Altogether he went 120 miles, how far did he go by boat?