6. Tanya is m years old. Sandra is 6 times as old as Tanya.

(a) Write an expression in m to show Sandra's age.

Answer: _____ [1]

(b) The sum of their ages is 63.

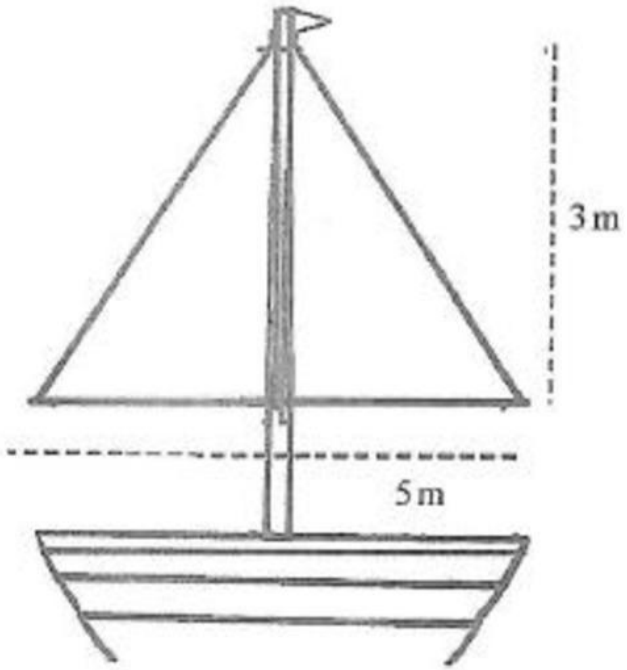
(i) Write an equation to show this information.

Answer: _____ [1]

(ii) Solve your equation to find Sandra's age.

Answer: _____ [2]

6.



NOT DRAWN TO SCALE

A boat has a triangular sail with base of 5 m and height of 3 m.

(a) Calculate the area of the sail.

Answer: _____ [2]

Material for the sail cost $8.50 per square metre.

(b) Calculate the cost of the material used to make the sail.

Answer: _____ [2]

LIVEWORKSHEETS

6.



Mr. Jones earns $10.50 per hour for a basic 40 hour week.

(a) Calculate his basic pay when he works 40 hours.

Answer: _____ [2]

If he works on Saturday, he is paid at a rate of time and a half.

(b) How much is he paid for 1 hour of overtime?

Answer: _____ [2]

(c) He worked 6 hours overtime on Saturday.

How much was his overtime pay?

Answer: _____ [2]

(d) Calculate his total pay when he worked his basic hours plus 6 hours on Saturday.

Answer: _____ [2]

6. The original price of a bag is $140.

A discount is given and the price drops to $105.

(i) Find the amount of the discount given.

Answer: _____ [1]

(ii) Express the discount as a percentage of the original price.

Percentage Computation

LIVEWORKSHEETS

Answer: _____ [1]

6. In Mathematics class, Tory has the following results

60%, 75%, 65%, 85% and 75%.

(a) Write his

(i) median score,

Answer: _____ [2]

(ii) modal score.

Answer: _____ [1]

(b) Calculate his average score.

Total Score =

Average Score =

Answer: _____ [3]

6. It took 9 men 5 hours to paint a school.

If working at the same ráte, calculate how long will it take

(a) 1 man,

Answer: _____ [2]

(b) 3 men.

Answer: _____ [2]

LIVEWORKSHEETS