5. Calculate the value of $400 + 150 \div 2$

Answer: _____ [2]

5. Mr. Jones makes a $250 profit when he sells a computer for $2250.

(a) What is the cost price of the computer?

Answer: _____ [1]

(b) Calculate the profit Mr. Jones made as a percentage of the cost price.

The Profit is $ _____

Profit-Percentage

$$\frac{\quad}{\quad} \times \frac{100}{1}$$

Answer: _____ [3]

5. A box contains a dozen cookies: 5 chocolate chip, 2 oatmeal, 1 red-velvet and the remainder are sugar cookies.

(a) How many sugar cookies are in the box?

Answer: _____ cookies [2]

One cookie is chosen at random,

(b) Calculate the probability that it is a:

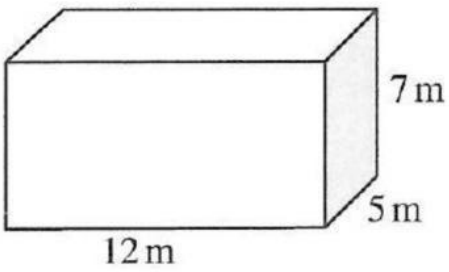
(i) Chocolate

Answer: _____ [1]

(ii) Peanut butter

Answer: _____ [1]

5. The diagram shows a water tank. The tank is in a shape of a cuboid.



(i) Find the volume of the tank.

Volume = x x

Answer: _____ m^3 [2]

(ii) If $1 m^3 = 1000$ litres, calculate how many litres of water it takes to fill the tank.

Answer: _____ litres [2]

5. There are 630 students in a school.

The ratio of boys to girls is 2:5

(a) Calculate the number of girls in the school.

Fraction of Girls = ——

Number of Girls = —— × ——

Answer: _____ [2]

(b) State the fraction of the students that are boys.

Fraction of Boys = ——

Answer: _____ % [1]

5. A sweatshirt cost $18.00 .

(a) Calculate the cost of 4 sweatshirts

Answer: $ _____ [2]

The store offers a 20% discount on sweatshirts.

Calculate the

(b) amount of discount on the 4 sweatshirts

Number of Girls = —— × ——

Answer: $ _____ [2]

(c) sale price of the 4 sweatshirts

Answer: $ _____ [2]

5. (a) Write 0.48 as a fraction in its lowest term.

Original Fraction = ——

Reduced Fraction = ——

Answer: _____ [2]

(b) Calculate 48% of $75.

= —— × ——

Answer: _____ [2]