$$t = \frac{4p - q}{4}$$

Find the value of t when $p = 3.5$ and $q = 2.7$

The formula below is used to calculate the Christmas bonus for each person with a company.

$$B = \frac{S - 7000}{10} \qquad \begin{array}{l} B = \text{Christmas Bonus} \\ S = \text{Yearly Salary} \end{array}$$

Calculate an employee's Christmas bonus if their yearly salary is £35,000

The formula below is used to calculate the percentage fuel saving when driving at a reduced speed compared to higher speeds

$$F = 100\left(\frac{a - b}{b}\right)^2$$

F = % fuel saved
a = original average speed
b = reduced average speed

Calculate F when an original speed of $70 \, mph$ is reduced by $10 \, mph$.

Give your answer to the nearest whole number.

The formula to work out the surface area of a sphere is:

$$Surface\ Area = 4\pi r^2$$

r = radius

Using 3.14 as your value of π. Work out the total surface area of a sphere that has a radius of 6cm.

Giver your answer to the nearest whole number.

What is the value of $4ab$ when $a = 5$ and $b = 10$