

1 Work out the value of $4k - 1$ for each of these values of k .

a. $k = 1$

b. $k = 3$

c. $k = 11$

2 Evaluate $15 - 2f$ for each of these values of f .

a. $f = 3$

b. $f = 5$

c. $f = 8$

3 A taxi company uses the following rule to calculate their fares.

Fare = £2.50 plus 50p per kilometre

a. How much is the fare for a 3-kilometre journey?

b. Farook pays £9.00 for his journey. How far did he travel?

c. Maisy's house is 5 kilometres from town. She has £5.50 left in her purse after a night out. Has she got enough to pay for a taxi home?

4 $P = \frac{5w - 4y}{w + y}$ Calculate P for each of the following values of w and y .

a. $w = 3$ and $y = 2$

b. $w = 6$ and $y = 4$

c. $w = 2$ and $y = 3$

5 $Z = \frac{y^2 + 4}{4 + y}$ Calculate Z for each of these values of y .

a. $y = 4$

b. $y = -6$

c. $y = -1.5$