

Question 1

Function f is defined by $f: x \rightarrow 3x - 4$.

Find the possible value of x when the image is 8.

Question 2

Function f is defined by $f(x) = |3x - 1|$

Find the possible values of x when the image is 9.

Question 3

Function f is defined by $f: x \rightarrow 3x + \frac{1}{x}, x \neq 0$.

Find the possible values of x when the image is 4.

Question 4

Function f is defined by $f(x) = |2x - 5|$.

Find the possible values of x when the image is 2.

Question 5

Function g is defined by $g: x \rightarrow -2x^2 - 3x - 2$.

Find the possible values of x when the image is -2 .