MATHS

BOOKS - CENGAGE

RELATIONS AND FUNCTIONS

Solved Examples And Exercises

1. If f is a linear function and f(2)=4,f(-1)=3 then find f(x)

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2. A function is defined as $f(x) = \dfrac{x^2 + 1}{3x - 2}$.

Can $f(x)$ take a value 1 for any real x ? Also find the value (s) of x for which $f(x)$ takes the value 2.

3. Find all the possible the value of the following expression. $\sqrt{x^2 - 4}$ (ii) $\sqrt{9 - x^2}$ (iii) $\sqrt{x^2 - 2x + 10}$

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