1) $f(x) = -26x$; Find $f\left(\dfrac{1}{2}\right)$

2) $f(x) = -5 + x$; Find $f(-7.8)$

3) $f(x) = -x - 1$; Find $f\left(-\dfrac{5}{6}\right)$

4) $f(x) = \dfrac{x}{3} + 8$; Find $f(2.7)$

5) $f(x) = 7x$; Find $f(5.4)$

6) $f(x) = 12(x - 4)$; Find $f\left(-\dfrac{2}{3}\right)$

7) $f(x) = 3(x - 9)$; Find $f(-3.3)$

8) $f(x) = 2x - 5$; Find $f\left(\dfrac{1}{4}\right)$

Evaluating Linear Functions

Answer key

1) $f(x) = -26x$; Find $f\left(\dfrac{1}{2}\right)$

−13

2) $f(x) = -5 + x$; Find $f(-7.8)$

−12.8

3) $f(x) = -x - 1$; Find $f\left(-\dfrac{5}{6}\right)$

$\boldsymbol{-\dfrac{1}{6}}$

4) $f(x) = \dfrac{x}{3} + 8$; Find $f(2.7)$

8.9

5) $f(x) = 7x$; Find $f(5.4)$

37.8

6) $f(x) = 12(x - 4)$; Find $f\left(-\dfrac{2}{3}\right)$

−56

7) $f(x) = 3(x - 9)$; Find $f(-3.3)$

−36.9

8) $f(x) = 2x - 5$; Find $f\left(\dfrac{1}{4}\right)$

$\boldsymbol{-\dfrac{9}{2}}$