Task card 1 Inverse Functions

If $f(x) = 2x + 4$, find $f^{-1}(8)$.

Task card 2 Inverse Functions

If $f(x) = -2x - 3$, find $f^{-1}(-7)$.

Task card 3 Inverse Functions

If $f(x) = -4x - 3$, find $f^{-1}(-7)$.

Task card 4 Inverse Functions

If $f(x) = -3x + 1$, find $f^{-1}(4)$.

Task card 5 Inverse Functions

If $f(x) = -x + 3$, find $f^{-1}(-1)$.

Task card 6 Inverse Functions

If $f(x) = 4x - 1$, find $f^{-1}(-1)$.

Task card 7 Inverse Functions

Find the inverse function $f^{-1}(x)$ of $f(x) = 3x + 1$.

Task card 8 Inverse Functions

Find the inverse function $f^{-1}(x)$ of $f(x) = 2x + 2$.

Task card 9 Inverse Functions

If $f(x) = x + 3$, find $f^{-1}(-1)$.

Task card 10 Inverse Functions

If $f(x) = 5x + 4$, find $f^{-1}(-21)$.

Task card 11 Inverse Functions

If $f(x) = 3x + 3$, find $f^{-1}(-3)$.

Task card 12 Inverse Functions

If $f(x) = -4x$, find $f^{-1}(4)$.

Task card 13 Inverse Functions

If $f(x) = 3x - 3$, find $f^{-1}(-18)$.

Task card 14 Inverse Functions

If $f(x) = 3x + 5$, find $f^{-1}(-10)$.

Task card 15 Inverse Functions

Find the inverse function $f^{-1}(x)$ of $f(x) = 5x - 5$.

Task card 16 Inverse Functions

Find the inverse function $f^{-1}(x)$ of $f(x) = 5x - 1$.

Task card 17 Inverse Functions

If $f(x) = 5x + 5$, find $f^{-1}(-25)$.

Task card 18 Inverse Functions

If $f(x) = 2x - 6$, find $f^{-1}(-12)$.

Task card 19 Inverse Functions

If $f(x) = -3x - 4$, find $f^{-1}(-4)$.

Task card 20 Inverse Functions

If $f(x) = -4x + 2$, find $f^{-1}(2)$.

Task card 21 Inverse Functions

If $f(x) = 5x - 1$, find $f^{-1}(-31)$.

Task card 22 Inverse Functions

If $f(x) = -6x$, find $f^{-1}(6)$.

Task card 23 Inverse Functions

Find the inverse function $f^{-1}(x)$ of $f(x) = 5x - 4$.

Task card 24 Inverse Functions

Find the inverse function $f^{-1}(x)$ of $f(x) = 3x - 5$.

Inverse Functions Task Cards

Recording sheet · Grade 12 · Solve each problem.

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Inverse Functions Task Cards: Answer Key

Grade 12 · Easy

The answers online

1. 2	**2.** 2	**3.** 1
4. -1	**5.** 4	**6.** 0
7. $\frac{x - 1}{3}$	**8.** $\frac{x - 2}{2}$	**9.** -4
10. -5	**11.** -2	**12.** -1
13. -5	**14.** -5	**15.** $\frac{x + 5}{5}$
16. $\frac{x + 1}{5}$	**17.** -6	**18.** -3
19. 0	**20.** 0	**21.** -6
22. -1	**23.** $\frac{x + 4}{5}$	**24.** $\frac{x + 5}{3}$