Task card 1 Inverse Functions

If $f(x) = -3x - 4$, find $f^{-1}(8)$.

Task card 2 Inverse Functions

If $f(x) = 7x - 2$, find $f^{-1}(-37)$.

Task card 3 Inverse Functions

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

Task card 4 Inverse Functions

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

Task card 5 Inverse Functions

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

Task card 6 Inverse Functions

If $f(x) = 4x + 2$, find $f^{-1}(10)$.

Task card 7 Inverse Functions

Find the inverse function $f^{-1}(x)$ of $f(x) = 4x + 7$.

Task card 8 Inverse Functions

Find the inverse function $f^{-1}(x)$ of $f(x) = 6x + 5$.

Task card 9 Inverse Functions

If $f(x) = -7x - 5$, find $f^{-1}(2)$.

Task card 10 Inverse Functions

If $f(x) = 5x - 5$, find $f^{-1}(35)$.

Task card 11 Inverse Functions

If $f(x) = 4x - 6$, find $f^{-1}(-18)$.

Task card 12 Inverse Functions

If $f(x) = x - 2$, find $f^{-1}(5)$.

Task card 13 Inverse Functions

If $f(x) = -6x - 5$, find $f^{-1}(37)$.

Task card 14 Inverse Functions

If $f(x) = 6x + 7$, find $f^{-1}(-23)$.

Task card 15 Inverse Functions

Find the inverse function $f^{-1}(x)$ of $f(x) = 7x + 1$.

Task card 16 Inverse Functions

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

Task card 17 Inverse Functions

If $f(x) = 9x + 7$, find $f^{-1}(79)$.

Task card 18 Inverse Functions

If $f(x) = 9x + 6$, find $f^{-1}(24)$.

Task card 19 Inverse Functions

If $f(x) = 2x + 8$, find $f^{-1}(14)$.

Task card 20 Inverse Functions

If $f(x) = -x + 6$, find $f^{-1}(14)$.

Task card 21 Inverse Functions

If $f(x) = 5x + 7$, find $f^{-1}(42)$.

Task card 22 Inverse Functions

If $f(x) = 8x$, find $f^{-1}(56)$.

Task card 23 Inverse Functions

Find the inverse function $f^{-1}(x)$ of $f(x) = 5x - 9$.

Task card 24 Inverse Functions

Find the inverse function $f^{-1}(x)$ of $f(x) = 3x + 2$.

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 · Medium

The answers online

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