Task card 1 Inverse Functions

If $f(x) = 8x + 1$, find $f^{-1}(73)$.

Task card 2 Inverse Functions

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

Task card 3 Inverse Functions

If $f(x) = 8x - 10$, find $f^{-1}(-2)$.

Task card 4 Inverse Functions

If $f(x) = -10x + 3$, find $f^{-1}(-17)$.

Task card 5 Inverse Functions

If $f(x) = 2x + 1$, find $f^{-1}(-13)$.

Task card 6 Inverse Functions

If $f(x) = 3x - 8$, find $f^{-1}(-26)$.

Task card 7 Inverse Functions

Find the inverse function $f^{-1}(x)$ of $f(x) = 9x - 2$.

Task card 8 Inverse Functions

Find the inverse function $f^{-1}(x)$ of $f(x) = 9x + 10$.

Task card 9 Inverse Functions

If $f(x) = 7x + 3$, find $f^{-1}(-67)$.

Task card 10 Inverse Functions

If $f(x) = 9x - 1$, find $f^{-1}(-64)$.

Task card 11 Inverse Functions

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

Task card 12 Inverse Functions

If $f(x) = -9x - 4$, find $f^{-1}(-40)$.

Task card 13 Inverse Functions

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

Task card 14 Inverse Functions

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

Task card 15 Inverse Functions

Find the inverse function $f^{-1}(x)$ of $f(x) = 2x + 5$.

Task card 16 Inverse Functions

Find the inverse function $f^{-1}(x)$ of $f(x) = 6x + 10$.

Task card 17 Inverse Functions

If $f(x) = 2x + 3$, find $f^{-1}(-13)$.

Task card 18 Inverse Functions

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

Task card 19 Inverse Functions

If $f(x) = -3x + 1$, find $f^{-1}(13)$.

Task card 20 Inverse Functions

If $f(x) = -9x + 5$, find $f^{-1}(-13)$.

Task card 21 Inverse Functions

If $f(x) = -2x - 6$, find $f^{-1}(-8)$.

Task card 22 Inverse Functions

If $f(x) = 2x - 8$, find $f^{-1}(-28)$.

Task card 23 Inverse Functions

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

Task card 24 Inverse Functions

If $f(x) = 3x - 2$, find $f^{-1}(4)$.

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 · Hard

The answers online

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