Task card 1 Introduction to Limits

Find the limit: lim(x→-4) of 2x - 2

Task card 2 Introduction to Limits

Find the limit: lim(x→3) of 4x - 2

Task card 3 Introduction to Limits

Find the limit: lim(x→-5) of 2x - 3

Task card 4 Introduction to Limits

Find the limit: lim(x→4) of 4x - 3

Task card 5 Introduction to Limits

Find the limit: lim(x→5) of 5x + 6

Task card 6 Introduction to Limits

Find the limit: lim(x→3) of x - 7

Task card 7 Introduction to Limits

Find the limit:

$\lim_{x \to 1} 4x + 5$

Task card 8 Introduction to Limits

Find the limit:

$\lim_{x \to 5} 6x - 3$

Task card 9 Introduction to Limits

Find the limit:

$\lim_{x \to -1} 4x^2 + 2x - 2$

Task card 10 Introduction to Limits

Find the limit:

$\lim_{x \to 5} 4x^2 - 6x - 6$

Task card 11 Introduction to Limits

Find the limit:

$\lim_{x \to 1} 4x^2 - x$

Task card 12 Introduction to Limits

Find the limit:

$\lim_{x \to 2} 2x^2 - 4x - 5$

Task card 13 Introduction to Limits

Find the limit:

$\lim(x \to -3)$ of $x^2 + x - 6$

Task card 14 Introduction to Limits

Find the limit:

$\lim(x \to 2)$ of $2x^2 - x$

Task card 15 Introduction to Limits

Find the limit:

$\lim(x \to -6)$ of $2x^2 + 6$

Task card 16 Introduction to Limits

Find the limit:

$\lim(x \to 6)$ of $2x^2 + 2x + 2$

Task card 17 Introduction to Limits

Find the limit:

$\lim(x \to 1)$ of $3x^2 - 3x + 4$

Task card 18 Introduction to Limits

Find the limit:

$\lim(x \to 4)$ of $3x^2 + 5x - 4$

Task card 19 Introduction to Limits

Find the limit:

$\lim(x \to 6)$ of $3x^2 + 6x + 5$

Task card 20 Introduction to Limits

Find the limit:

$\lim(x \to -6)$ of $3x^2 - 1$

Task card 21 Introduction to Limits

Find the limit:

$\lim(x \to 2)$ of $3x^2 + 4x - 4$

Task card 22 Introduction to Limits

Find the limit:

$\lim(x \to 1)$ of $2x^2 - 3x - 2$

Task card 23 Introduction to Limits

Find the limit:

$\lim(x \to 0)$ of $3x^2 - 3x - 6$

Task card 24 Introduction to Limits

Find the limit:

$\lim(x \to 3)$ of $2x^2 - 5x + 3$

Introduction to Limits Task Cards

Recording sheet · Grade 12 · Evaluate each limit. These functions are continuous everywhere, so the limit equals the function value at that point (direct substitution).

Scan to check your answers

Name: _____ Date: _____

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

Introduction to Limits Task Cards: Answer Key

Grade 12 · Medium

The answers online

1. -10	**2.** 10	**3.** -13
4. 13	**5.** 31	**6.** -4
7. 9	**8.** 27	**9.** 0
10. 64	**11.** 3	**12.** -5
13. 0	**14.** 6	**15.** 78
16. 86	**17.** 4	**18.** 64
19. 149	**20.** 107	**21.** 16
22. -3	**23.** -6	**24.** 6