Task card 1 Introduction to Limits

Find the limit:

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

Task card 2 Introduction to Limits

Find the limit:

$\lim_{x \to 6} 3x^2 - 4x - 4$

Task card 3 Introduction to Limits

Find the limit:

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

Task card 4 Introduction to Limits

Find the limit:

$\lim_{x \to -3} 3x^2 - 4x + 2$

Task card 5 Introduction to Limits

Find the limit:

$\lim_{x \to -3} 2x^2 + 5x - 3$

Task card 6 Introduction to Limits

Find the limit:

$\lim_{x \to -3} 4x^2 + x$

Task card 7 Introduction to Limits

Find the limit: $\lim(x \to -6)$ of $2x^2 + x$

Task card 8 Introduction to Limits

Find the limit: $\lim(x \to 4)$ of $4x^2 - x - 1$

Task card 9 Introduction to Limits

Find the limit: $\lim(x \to 4)$ of $2x^2 - 5$

Task card 10 Introduction to Limits

Find the limit: $\lim(x \to -6)$ of $4x^2 - 6x + 2$

Task card 11 Introduction to Limits

Find the limit: $\lim(x \to 1)$ of $2x^2 + 3x + 1$

Task card 12 Introduction to Limits

Find the limit: $\lim(x \to -1)$ of $4x^2 - 2x + 5$

Task card 13 Introduction to Limits

Find the limit:

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

Task card 14 Introduction to Limits

Find the limit:

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

Task card 15 Introduction to Limits

Find the limit:

$\lim(x \to 1)$ of $4x^2 + x + 5$

Task card 16 Introduction to Limits

Find the limit:

$\lim(x \to 0)$ of $4x^2 + 3x + 5$

Task card 17 Introduction to Limits

Find the limit:

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

Task card 18 Introduction to Limits

Find the limit:

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

Task card 19 Introduction to Limits

Find the limit:

$\lim_{x \to 3} 4x^2 + 6x - 4$

Task card 20 Introduction to Limits

Find the limit:

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

Task card 21 Introduction to Limits

Find the limit:

$\lim_{x \to 4} 3x^2 - x - 3$

Task card 22 Introduction to Limits

Find the limit:

$\lim_{x \to 5} 3x^2 - 2x + 2$

Task card 23 Introduction to Limits

Find the limit:

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

Task card 24 Introduction to Limits

Find the limit:

$\lim_{x \to 1} 2x^2 - 6x + 2$

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 · Hard

The answers online

1. 62	**2.** 80	**3.** 38
4. 41	**5.** 0	**6.** 33
7. 66	**8.** 59	**9.** 27
10. 182	**11.** 6	**12.** 11
13. 100	**14.** 3	**15.** 10
16. 5	**17.** 42	**18.** 57
19. 50	**20.** 20	**21.** 41
22. 67	**23.** 55	**24.** -2