Task card 1 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{6}{3x + 21}$?

Task card 2 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{4}{x^2 - 25}$?

Task card 3 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{7}{2x - 2}$?

Task card 4 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{x - 9}{x^2 - 16}$?

Task card 5 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{5}{2x + 2}$?

Task card 6 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{x + 9}{x^2 - 4}$?

Task card 7 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{9}{5x + 5}$?

Task card 8 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{9}{x^2 - 1}$?

Task card 9 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{x + 3}{x^2 - 6x - 7}$?

Task card 10 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{5}{x^2 - 8x + 12}$?

Task card 11 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{1}{x^2 - 6x + 5}$?

Task card 12 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{x - 2}{x^2 + 8x + 15}$?

Task card 13 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{7}{x^2 - x - 20}$?

Task card 14 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{x - 9}{x^2 - 3x - 18}$?

Task card 15 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{x - 6}{x^2 + 11x + 28}$?

Task card 16 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{x + 1}{x^2 + 13x + 42}$?

Task card 17 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{x - 5}{x^2 - 4x - 21}$?

Task card 18 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{4}{x^2 + 7x}$?

Task card 19 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{2}{x^2 + 2x - 3}$?

Task card 20 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{x + 3}{x^2 + x}$?

Task card 21 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{x + 8}{x^2 - 5x - 14}$?

Task card 22 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{x + 4}{x^2 - 9x}$?

Task card 23 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{4}{x^2 - 9x + 14}$?

Task card 24 Domain of Rational Functions (Excl...

Which x-values are excluded from the domain of $f(x) = \frac{6}{x^2 - x}$?

Domain of Rational Functions (Excluded Values) Task Cards

Recording sheet · Grade 11 · Write the x-values that are NOT in the domain: one value like x = 3, two values like x = -2 or x = 5. If no value is excluded, write none.

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

Domain of Rational Functions (Excluded Values) Task Cards: Answer Key

Grade 11 · Medium

The answers online

1. x = -7	**2.** x = -5 or x = 5	**3.** x = 1
4. x = -4 or x = 4	**5.** x = -1	**6.** x = -2 or x = 2
7. x = -1	**8.** x = -1 or x = 1	**9.** x = -1 or x = 7
10. x = 2 or x = 6	**11.** x = 1 or x = 5	**12.** x = -5 or x = -3
13. x = -4 or x = 5	**14.** x = -3 or x = 6	**15.** x = -7 or x = -4
16. x = -7 or x = -6	**17.** x = -3 or x = 7	**18.** x = -7 or x = 0
19. x = -3 or x = 1	**20.** x = -1 or x = 0	**21.** x = -2 or x = 7
22. x = 0 or x = 9	**23.** x = 2 or x = 7	**24.** x = 0 or x = 1