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

Which x-values are excluded from the domain of $f(x) = \frac{x - 1}{3x^2 - 18x + 24}$?

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

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

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

Which x-values are excluded from the domain of $f(x) = \frac{x + 6}{x^2 - 81}$?

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

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

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

Which x-values are excluded from the domain of $f(x) = \frac{7}{3x^2 + 33x + 90}$?

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

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

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

Which x-values are excluded from the domain of $f(x) = \frac{9}{x^2 - 25}$?

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

Which x-values are excluded from the domain of $f(x) = \frac{x + 7}{x^2 - 5x}$?

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

Which x-values are excluded from the domain of $f(x) = \frac{x + 8}{2x^2 + 12x + 10}$?

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

Which x-values are excluded from the domain of $f(x) = \frac{8}{x^2 - 14x + 49}$?

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

Which x-values are excluded from the domain of $f(x) = \frac{x + 3}{x^2 + 4}$?

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

Which x-values are excluded from the domain of $f(x) = \frac{x + 3}{3x^2 - 3x - 90}$?

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

Which x-values are excluded from the domain of $f(x) = \frac{x - 6}{x^2 - 8x + 7}$?

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

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

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

Which x-values are excluded from the domain of $f(x) = \frac{x - 5}{x^2 - 81}$?

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

Which x-values are excluded from the domain of $f(x) = \frac{4}{x^2 - 12x + 36}$?

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

Which x-values are excluded from the domain of $f(x) = \frac{x - 9}{3x^2 - 6x - 24}$?

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

Which x-values are excluded from the domain of $f(x) = \frac{8}{x^2 + x - 30}$?

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

Which x-values are excluded from the domain of $f(x) = \frac{x - 7}{x^2 - 25}$?

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

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

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

Which x-values are excluded from the domain of $f(x) = \frac{x - 9}{2x^2 - 6x + 4}$?

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

Which x-values are excluded from the domain of $f(x) = \frac{x + 1}{x^2 + 9x + 20}$?

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

Which x-values are excluded from the domain of $f(x) = \frac{x - 6}{x^2 - 4}$?

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

Which x-values are excluded from the domain of $f(x) = \frac{6}{x^2 + 9x}$?

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 · Hard

The answers online

1. x = 2 or x = 4	**2.** x = -1 or x = 7	**3.** x = -9 or x = 9
4. x = 0 or x = 3	**5.** x = -6 or x = -5	**6.** x = 3 or x = 5
7. x = -5 or x = 5	**8.** x = 0 or x = 5	**9.** x = -5 or x = -1
10. x = 7	**11.** none	**12.** x = -5 or x = 6
13. x = 1 or x = 7	**14.** x = 0 or x = 6	**15.** x = -9 or x = 9
16. x = 6	**17.** x = -2 or x = 4	**18.** x = -6 or x = 5
19. x = -5 or x = 5	**20.** x = 0 or x = 1	**21.** x = 1 or x = 2
22. x = -5 or x = -4	**23.** x = -2 or x = 2	**24.** x = -9 or x = 0