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

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

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

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

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

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

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

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

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

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

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

Which x-values are excluded from the domain of $f(x) = \frac{8}{x - 4}$?

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

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

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

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

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

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

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

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

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

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

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

Which x-values are excluded from the domain of $f(x) = \frac{1}{x + 8}$?

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

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

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

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

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

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

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

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

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

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

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

Which x-values are excluded from the domain of $f(x) = \frac{x + 9}{3x - 21}$?

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

Which x-values are excluded from the domain of $f(x) = \frac{x + 8}{3x - 15}$?

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

Which x-values are excluded from the domain of $f(x) = \frac{6}{3x - 12}$?

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

Which x-values are excluded from the domain of $f(x) = \frac{9}{5x + 30}$?

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

Which x-values are excluded from the domain of $f(x) = \frac{4}{5x - 15}$?

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

Which x-values are excluded from the domain of $f(x) = \frac{5}{3x + 6}$?

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

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

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 · Easy

The answers online

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