Task card 1 Solving Rational Equations

$$\text{Solve: } -\frac{16}{x} - 2 = -6$$

Task card 2 Solving Rational Equations

$$\text{Solve: } -\frac{4}{x+4} = -\frac{14}{x-6}$$

Task card 3 Solving Rational Equations

$$\text{Solve: } \frac{3}{x} = 3$$

Task card 4 Solving Rational Equations

$$\text{Solve: } \frac{9}{x-4} = \frac{24}{x+1}$$

Task card 5 Solving Rational Equations

$$\text{Solve: } -\frac{5}{x} - 4 = -5$$

Task card 6 Solving Rational Equations

$$\text{Solve: } -\frac{2}{x+1} = \frac{4}{x+4}$$

Task card 7 Solving Rational Equations

Solve: $-\frac{6}{x} + 3 = 2$

Task card 8 Solving Rational Equations

Solve: $\frac{6}{x + 2} = \frac{12}{x + 4}$

Task card 9 Solving Rational Equations

Solve: $\frac{2}{x + 6} = -\frac{18}{x - 4}$

Task card 10 Solving Rational Equations

Solve: $-\frac{6}{x} - 4 = -6$

Task card 11 Solving Rational Equations

Solve: $x - \frac{14}{x} = -5$

Task card 12 Solving Rational Equations

Solve: $\frac{6}{x + 3} = -\frac{18}{x - 5}$

Task card 13 Solving Rational Equations

Solve: $\frac{x^2 - 6x}{x - 4} = \frac{8}{-x - 4}$

Task card 14 Solving Rational Equations

Solve: $x - \frac{30}{x} = -1$

Task card 15 Solving Rational Equations

Solve: $-\frac{20}{x} + 5 = 1$

Task card 16 Solving Rational Equations

Solve: $\frac{3}{-x + 4} = -\frac{24}{x - 3}$

Task card 17 Solving Rational Equations

Solve: $\frac{10}{x - 1} = \frac{18}{x + 3}$

Task card 18 Solving Rational Equations

Solve: $\frac{4}{x} + 5 = 1$

Task card 19 Solving Rational Equations

$$\text{Solve: } x - \frac{28}{x} = 3$$

Task card 20 Solving Rational Equations

$$\text{Solve: } -x + 4 = \frac{8}{x - 6}$$

Task card 21 Solving Rational Equations

$$\text{Solve: } \frac{x^2 + 3x}{x + 5} = \frac{10}{x + 5}$$

Task card 22 Solving Rational Equations

$$\text{Solve: } x + \frac{4}{x} = 5$$

Task card 23 Solving Rational Equations

$$\text{Solve: } \frac{2}{x} + 1 = 0$$

Task card 24 Solving Rational Equations

$$\text{Solve: } \frac{13}{x - 5} = \frac{12}{x - 4}$$

Solving Rational Equations Task Cards

Recording sheet · Grade 11 · Solve and check. If there are two solutions write x = a or x = b; if nothing works write no solution.

Name: _____ Date: _____

Scan to check your answers

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

Solving Rational Equations Task Cards: Answer Key

Grade 11 · Easy

The answers online

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