Task card 1 Operations with Radicals

$$5\sqrt{7} + 7\sqrt{7}$$

Task card 2 Operations with Radicals

$$\sqrt{275} + \sqrt{44}$$

Task card 3 Operations with Radicals

$$\sqrt{11} \cdot \sqrt{2}$$

Task card 4 Operations with Radicals

$$\frac{2}{\sqrt{2}}$$

Task card 5 Operations with Radicals

$$2\sqrt{2} + 2\sqrt{2}$$

Task card 6 Operations with Radicals

$$\sqrt{24} + \sqrt{150}$$

Task card 7 Operations with Radicals

$$\sqrt{5} \cdot \sqrt{11}$$

Task card 8 Operations with Radicals

$$\frac{24}{\sqrt{6}}$$

Task card 9 Operations with Radicals

$$\sqrt{175} - \sqrt{28}$$

Task card 10 Operations with Radicals

$$\sqrt{125} + \sqrt{20}$$

Task card 11 Operations with Radicals

$$4\sqrt{10} \cdot 5\sqrt{5}$$

Task card 12 Operations with Radicals

$$\frac{15}{\sqrt{5}}$$

Task card 13 Operations with Radicals

$$\sqrt{275} + \sqrt{11}$$

Task card 14 Operations with Radicals

$$\sqrt{125} - \sqrt{20}$$

Task card 15 Operations with Radicals

$$5\sqrt{10} \cdot 5\sqrt{5}$$

Task card 16 Operations with Radicals

$$\frac{40}{\sqrt{10}}$$

Task card 17 Operations with Radicals

$$3\sqrt{45} + \sqrt{80}$$

Task card 18 Operations with Radicals

$$3\sqrt{125} - \sqrt{5}$$

Task card 19 Operations with Radicals

$$5\sqrt{7} \cdot 2\sqrt{10}$$

Task card 20 Operations with Radicals

$$\frac{10}{\sqrt{10}}$$

Task card 21 Operations with Radicals

$$2\sqrt{40} + \sqrt{10}$$

Task card 22 Operations with Radicals

$$3\sqrt{54} + \sqrt{6}$$

Task card 23 Operations with Radicals

$$2\sqrt{3} \cdot 4\sqrt{8}$$

Task card 24 Operations with Radicals

$$\frac{36}{\sqrt{6}}$$

Operations with Radicals Task Cards

Recording sheet · Grade 9 · Simplify. Write each answer in simplest radical form, like 5√3.

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

Operations with Radicals Task Cards: Answer Key

Grade 9 · Medium

The answers online

1. 12√7	**2.** 7√11	**3.** √22
4. √2	**5.** 4√2	**6.** 7√6
7. √55	**8.** 4√6	**9.** 3√7
10. 7√5	**11.** 100√2	**12.** 3√5
13. 6√11	**14.** 3√5	**15.** 125√2
16. 4√10	**17.** 13√5	**18.** 14√5
19. 10√70	**20.** √10	**21.** 5√10
22. 10√6	**23.** 16√6	**24.** 6√6