Task card 1 Operations with Radicals

$$8\sqrt{3} + 7\sqrt{3}$$

Task card 2 Operations with Radicals

$$\sqrt{7} \cdot \sqrt{3}$$

Task card 3 Operations with Radicals

$$2\sqrt{3} + 8\sqrt{3}$$

Task card 4 Operations with Radicals

$$\sqrt{11} \cdot \sqrt{10}$$

Task card 5 Operations with Radicals

$$9\sqrt{10} + 6\sqrt{10}$$

Task card 6 Operations with Radicals

$$\sqrt{5} \cdot \sqrt{3}$$

Task card 7 Operations with Radicals

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

Task card 8 Operations with Radicals

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

Task card 9 Operations with Radicals

$$6\sqrt{10} - \sqrt{10}$$

Task card 10 Operations with Radicals

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

Task card 11 Operations with Radicals

$$3\sqrt{6} + 4\sqrt{6}$$

Task card 12 Operations with Radicals

$$\sqrt{3} \cdot \sqrt{6}$$

Task card 13 Operations with Radicals

$4\sqrt{3} - 3\sqrt{3}$

Task card 14 Operations with Radicals

$3\sqrt{5} - 2\sqrt{5}$

Task card 15 Operations with Radicals

$\sqrt{7} \cdot \sqrt{6}$

Task card 16 Operations with Radicals

$5\sqrt{10} - 3\sqrt{10}$

Task card 17 Operations with Radicals

$\sqrt{175} - \sqrt{7}$

Task card 18 Operations with Radicals

$\sqrt{7} \cdot \sqrt{11}$

Task card 19 Operations with Radicals

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

Task card 20 Operations with Radicals

$$6\sqrt{11} - 5\sqrt{11}$$

Task card 21 Operations with Radicals

$$\sqrt{27} + \sqrt{3}$$

Task card 22 Operations with Radicals

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

Task card 23 Operations with Radicals

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

Task card 24 Operations with Radicals

$$4\sqrt{3} + 9\sqrt{3}$$

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 · Easy

The answers online

1. 15√3	**2.** √21	**3.** 10√3
4. √110	**5.** 15√10	**6.** √15
7. 3√10	**8.** 5√2	**9.** 5√10
10. 5√2	**11.** 7√6	**12.** 3√2
13. √3	**14.** √5	**15.** √42
16. 2√10	**17.** 4√7	**18.** √77
19. 4√6	**20.** √11	**21.** 4√3
22. √6	**23.** √2	**24.** 13√3