

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

### Multiplication of Radicals Worksheet

Problems

Work Space

|   |  |
|---|--|
| $\sqrt{63} \times \sqrt{81}$<br><br>Answer:                   |  |
| $\sqrt{105} \times \sqrt{15} \times \sqrt{25}$<br><br>Answer: |  |
| $\sqrt{27} \times \sqrt{12} \times \sqrt{9}$<br><br>Answer:   |  |
| $\sqrt{96} \times \sqrt{10} \times 3\sqrt{5}$<br><br>Answer:  |  |
| $2\sqrt{77} \times \sqrt{21} \times \sqrt{3}$<br><br>Answer:  |  |

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### Answers

|  |  |
|--|--|
| $\sqrt{63} \times \sqrt{81}$<br><br>Answer: $27\sqrt{7}$                   |  |
| $\sqrt{105} \times \sqrt{15} \times \sqrt{25}$<br><br>Answer: $75\sqrt{7}$ |  |
| $\sqrt{27} \times \sqrt{12} \times \sqrt{9}$<br><br>Answer: $54$           |  |
| $\sqrt{96} \times \sqrt{10} \times 3\sqrt{5}$<br><br>Answer: $120\sqrt{3}$ |  |
| $2\sqrt{77} \times \sqrt{21} \times \sqrt{3}$<br><br>Answer: $42\sqrt{11}$ |  |