

Super 8s: Surds – simplifying and operations by Mr Barton Maths

Name: _____ Date: _____

1

Simplify $\sqrt{18} + \sqrt{32}$

Answer: _____

5

Simplify $\sqrt{12} + \sqrt{27}$

Answer: _____

2

Simplify $\sqrt{20} + \sqrt{80}$

Answer: _____

6

Simplify $\sqrt{8} + \sqrt{18}$

Answer: _____

3

Simplify $\sqrt{45} + \sqrt{20}$

Answer: _____

7

Simplify $\sqrt{8} + \sqrt{32}$

Answer: _____

4

Simplify $\sqrt{48} + \sqrt{12}$

Answer: _____

8

Simplify $\sqrt{27} + \sqrt{48}$

Answer: _____

Answer Key

1. $7\sqrt{2}$

2. $6\sqrt{5}$

3. $5\sqrt{5}$

4. $6\sqrt{3}$

5. $5\sqrt{3}$

6. $5\sqrt{2}$

7. $6\sqrt{2}$

8. $7\sqrt{3}$
