**Surds (2)**

Simplify the following:

1. $\sqrt{8}$

2. $2\sqrt{8}$

3. $3\sqrt{8}$

4. $\sqrt{72}$

5. $5\sqrt{72}$

6. $5\sqrt{144}$

7. $5\sqrt{1440}$

8. $5\sqrt{720}$

9.$ 5\sqrt{360}$

10. $5\sqrt{36}$

11. $6\sqrt{36}$

12.$ 7\sqrt{49}$

13.$ 7\sqrt{98}$

14.$ 7\sqrt{147}$

15.$ 14\sqrt{147}$

16.$ 7\sqrt{294}$

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14.$ 7\sqrt{147}$

15.$ 14\sqrt{147}$

16.$ 7\sqrt{294}$

**Surds (2) - ANSWERS**

1. $2\sqrt{2}$

2. $4\sqrt{2}$

3. $6\sqrt{2}$

4. $6\sqrt{2}$

5. $30\sqrt{2}$

6. $60$

7. $12\sqrt{10}$

8. $60\sqrt{5}$

9.$ 30\sqrt{10}$

10. $30$

11. $36$

12.$ 49$

13.$ 49\sqrt{2}$

14.$ 49\sqrt{3}$

15.$ 98\sqrt{3}$

16.$ 49\sqrt{6}$

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