FUN MATH KIDS

Easy

Surds and Indices Fill-in

Topic: Simplify surds and apply index laws · Grade: grade 8

Name: _____ Date: _____ Score: _____/ 10

Simplify each surd or index expression and write the answer on the line.

1. Simplify: $x^4 \times x^4$

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2. Simplify: $\sqrt{48}$

_____

3. Simplify: $\sqrt{6} \times \sqrt{2}$

_____

4. Simplify: $\sqrt{75}$

_____

5. Simplify: $x^3 \times x^2$

_____

6. Simplify: $\sqrt{3} \times \sqrt{5}$

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7. Simplify: $\sqrt{20}$

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8. Simplify: $\sqrt{45}$

_____

9. Simplify: $\sqrt{5} \times \sqrt{5}$

_____

10. Simplify: $\sqrt{3} \times \sqrt{3}$

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