STUDY GUIDE – UNIT 1

**Polynomials: Simplify.**

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| 1. |
| 2. |
| 3. |
| 4. |
| 5. |
| 6. |

**Radicals: Simplify.**

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| 7. |
| 8. |
| 9. |
| 10. |
| 11. |
| 12. |
| 13. |
| 14. |
| 15. |
| 16. |

17. **Find the AREA of the given figure.**





18. **Find the PERIMETER of the given figure.**



 



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19.Megan studied for 4 hours. How many seconds did she study?

20. Kendall purchased 35 **feet** of fabric. The shelf price was $3.75 per **yard**. How much did Kendall pay?

Topics to Review:

* Operations with Polynomials (Addition, Subtraction, Multiplication)
* Simplifying Radicals
* Operations with Radicals (Addition, Subtraction, Multiplication)
* Unit Conversions (English-English, Metric-Metric without conversion chart; English-Metric with conversion chart)
* Vocabulary