

Chapter 8 Extra Practice Answers

Lesson 8-1

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|-----------------------------|---------------------------|---------------------------|
| 1. $1,244.1 \text{ yd}^3$ | 2. $4,247.4 \text{ cm}^3$ | |
| 3. 50.3 cm^3 | 4. 45.9 yd^3 | |
| 5. $2,827.4 \text{ mm}^3$ | 6. 23.9 in^3 | |
| 7. 339.3 in^3 | 8. $2,010.6 \text{ ft}^3$ | 9. $1,357.2 \text{ km}^3$ |
| 10. 680.9 cm^3 | 11. 904.8 yd^3 | 12. 24.1 mm^3 |
| 13. $335,460.1 \text{ m}^3$ | 14. 1.3 cm^3 | 15. 330.7 in^3 |

Lesson 8-2

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|---------------------------|-------------------------|-------------------------|
| 1. $1,900.7 \text{ ft}^3$ | 2. 615.8 yd^3 | |
| 3. 392.7 in^3 | 4. 167.6 ft^3 | |
| 5. 183.3 mm^3 | 6. 109.1 m^3 | |
| 7. 754.0 ft^3 | 8. 21.2 yd^3 | 9. 115.5 in^3 |
| 10. 392.7 ft^3 | 11. 6.2 ft^3 | 12. 4.3 in^3 |

Lesson 8-3

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|-------------------------|----------------------------|
| 1. 904.8 in^3 | 2. $5,575.3 \text{ cm}^3$ |
| 3. 381.7 m^3 | 4. 310.3 ft^3 |
| 5. 137.3 in^3 | 6. $14,137.2 \text{ mm}^3$ |
| 7. 220.9 in^3 | 8. $1,317.1 \text{ ft}^3$ |
| 9. 179.6 in^3 | 8. $1,150.3 \text{ yd}^3$ |

Lesson 8-4

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|--------------------------|---------------------------|---------------------------|
| 1. 188.5 in^2 | 2. 107.2 cm^2 | |
| 3. 31.8 m^2 | 4. 19.6 ft^2 | |
| 5. 251.3 in^2 | 6. 320.4 cm^2 | |
| 7. 208.9 cm^2 | 8. $1,442.0 \text{ mm}^2$ | 9. $2,144.1 \text{ yd}^2$ |
| 10. 153.3 mi^2 | 11. 327.2 cm^2 | 12. $7,321.8 \text{ m}^2$ |

Lesson 8-5

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| 1. 47.1 in^2 ; 75.4 in^2 | 2. 549.8 m^2 ; 703.7 m^2 |
| 3. 427.3 ft^2 ; 628.3 ft^2 | 4. 266.0 ft^2 ; 433.4 ft^2 |
| 5. 518.4 ft^2 ; 898.5 ft^2 | 6. 263.9 yd^2 ; 417.8 yd^2 |
| 7. 125.7 in^2 ; 204.2 in^2 | 8. 131.9 in^2 ; 182.2 in^2 |

Lesson 8-6

- 115.625 in^2
- 23.3 cm^3
- 16.128 ft^3
- 19.5 m^3
- 15 ft^2