

Unit 14.1

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|----------------------|-----------------------|-------------------------|-----------|
| 1. a) cone           | b) cylinder           | c) cube                 | d) sphere |
| e) Pyramid           | f) cylinder           | g) cylinder             |           |
| h) rectangular prism |                       |                         |           |
| 2. sphere            | 4. no edges, can roll | 6. a) rectangular prism |           |
| b) cylinder          | c) cube               | d) sphere               | e) cone   |
| f) pyramid           | 8. rectangular prism  | 10. cylinder            | 11. b     |

Unit 14.2

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|-----------------|---------------------------|----------------------------|--------|
| 1. a) 2,5       | b) 6                      | c) 0,0                     | d) 9   |
| e) cone         | 2. a) cylinder and sphere | b) cube, rectangular prism |        |
| c) cube; square | d) cylinder, cone, sphere |                            |        |
| 3. a) 12        | b) 8                      | c) 6                       | 4. yes |
| 5. 5            | 6. square pyramid         | 7. a                       | 8. 24  |
| 9. b            |                           |                            |        |

Unit 14.3

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|-----------|----------|--|---------|
| 1. a) 6,6 | b) 12,12 | c) 6,6   | d) 9,16 |
| e) 8,8    | f) 8,12  | 2.  | 3. c    |
| 4. b      | 5. 5,8   | 6. c   |         |
| 7. a) 4   | b) 6     | c) 6   |         |

Unit 14.4

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|---|-------------|-----------------------|
| 1. a) segment                                     | b) point    | c) intersecting lines |
| d) parallel lines                                 | e) ray      | f) line               |
| 3. a) I and III; II and IV; II and III; I and III | b) I and II |                       |
| 4. Ivanna   | 5. a        | 6. parallel lines     |
| 7. a  |             |                       |

Unit 14.5

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|-------------------------------|-----------|-----------|----------|
| 1. a) right                   | b) acute  | c) obtuse | d) right |
| e) acute                      | f) obtuse | g) acute  | h) right |
| 2. They have no common point. |           |           |          |
| 5. a) acute                   | b) obtuse | c) right  | 6. no    |

Unit 14.6

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|----------------|------------------|------------|-------------|
| 1. a) pentagon | b) hexagon       | c) hexagon | d) octagon  |
| e) octagon     | f) quadrilateral | g) octagon | h) triangle |
| 2. not         | 3. a) 5          | b) 5       | c) pentagon |

Unit 14.7

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|-----------------|------------------|------------|-------------|
| 1. a) isosceles | b) equilateral   | c) scalene | 2. a) acute |
| b) right        | c) obtuse        | 3. two     | 4. one      |
| 5. yes          | 6. a             | 7. a) 1,2  | b) 3        |
| c) 1,2          | d) three unequal | 8. no      | 10. yes     |
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Unit 14.8

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|--------------------------------------|-------------------|------------------|------------|
| 1. a) rectangle                      | b) square         | c) parallelogram | d) rhombus |
| e) trapezoid                         | f) rhombus        | 2. square        | 4. square  |
| 5. all right angles                  | 6. size of angles |                  |            |
| 8. a) trapezoid                      | b) four equal     | c) rectangle     |            |
| 10. square, rectangle, parallelogram |                   |                  |            |
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Unit 14.9

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|---|--------------|------------|-----------|
| 2. cylinder                                   | 3. rectangle | 4. a) cone | b) cube   |
| 6. 6  | 7. obtuse    | 8. acute   | 10. 12; 8 |
| 11. a) heptagon                               | b) octagon   | 12. 16,16  |           |
| 13. isosceles                                 |              |            |           |
| 14. trapezoid                                 | 17. 19       | 18. b      |           |
| 19. rhombus                                   |              |            |           |
| 20. parallelogram, rectangle, square, rhombus |              |            |           |
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