

Unit 23.1

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|----------------------|-------------|-------------------|-------------|
| 1. a) square | b) cylinder | c) cube | |
| d) rectangular prism | | | |
| 3. a) cone | b) cube | c) square pyramid | d) cylinder |
| 4. triangular prism | 5. c | 6. a | |
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Unit 23.2

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|-----------------|------------|-------------|--------------|
| 1. a) 1 | b) 5 | c) 6 | d) 6 |
| 3. i) rectangle | ii) square | iii) circle | iv) triangle |
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Unit 23.3

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|---------------------|-------------------|---------------------|-------------------|
| 1. a) 18 cubic unit | b) 72 cubic unit | c) 80 cubic unit | d) 144 cubic unit |
| 2. a) 16 cubic unit | b) 192 cubic inch | c) 5 m ³ | d) 2.5 cubic feet |
| e) 125 cubic yard | 3. Joseph | 4. 4 inch | 5. 24 feet |
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Unit 23.4

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|--------------|----------------|------------------|------------------|
| 1. 120 pages | 2. a) 55,65,75 | b) 4,700; 47,000 | c) 6,333; 63,333 |
| 4. 85 | 5. \$2,125 | 6. a | 7. 6 units |
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Unit 23.5

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|----------------------------|----------------|-----------------------|----------------|
| 1. a) < | b) < | c) = | d) < |
| e) < | f) = | g) > | h) < |
| 2. a) 3 hr 20 min | b) 6 hr 14 min | c) 6 hr 21 min | d) 11 hr 5 min |
| 3. a) end time = 6:29 A.M. | | b) start time = 12:04 | |
| c) end time = 1:51 A.M. | | 4. 1 hr 15 min | |
| 5. 5.00 P.M. | 6. 8 hr 13 min | 7. 2 hr 19 min | 8. 7 hr 20 min |
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Unit 23.6

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|------------------------------------|-----------------------------------|-------------------------------|--------------------------------|
| 1. a) 12-01-1998 | b) 20-03-2004 | c) 29-07-1965 | d) 14-02-2009 |
| e) 01-03-2010 | f) 25-05-2006 | | |
| 2. a) August 27 th 2004 | | b) June 23 rd 1998 | c) April 30 th 2009 |
| d) February 14 th 1993 | | | |
| 3. a) Thursday | b) 14 days | c) 20 | |
| 4. i) Tuesday | ii) Friday | iii) Friday | iv) Thursday |
| 5. a) 31 days | b) 15 th February 2009 | | |
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Unit 23.7

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|------------------|------------------|----------------|---------|
| 1. a) 84°F; 32°C | b) 60°F; 16°C | c) 100°F; 38°C | |
| 2. a) 25°F | b) 6°C | c) 35°F | d) 16°C |
| e) 5.9°F | 3. 10°F increase | 4. 57°F | 5. d |
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Unit 23.8

1. a) Triangular prism: 5; 9 cube: 12; 8 square pyramid: 5; 5
 3. a) 7.5 cubic ft b) 50 cubic ft c) 941.192 cubic yd
 4. 2 inch 5. 15 inch; 10 sq inch 6. \$8,500
 7. 3 hr 25 min 8. 20 year 2 month
 9. 1 year, 8 month, 23 days 10. 20°C
 11. 15 km; 150 m; 20 cm 12. 14 yrs 6 month
 13. 30 minute
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