

Unit 14.1

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|-----------|-------|-------------|--------|--------|--------|
| 1. a) -21 | b) 40 | c) 54 | d) -44 | e) 0 | f) -45 |
| g) 49 | h) 0 | 2. a) -28 | b) -45 | c) 0 | d) 48 |
| e) -13 | f) 13 | g) 225 | h) 46 | i) -70 | j) -6 |
| k) -10 | l) 0 | 3. negative | | 4. c | 6. -8 |
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Unit 14.2

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|----------|-------|----------|-------|-------|-------|
| 1. a) -5 | b) -2 | c) 6 | d) 7 | e) 0 | f) -6 |
| g) -10 | h) 0 | 2. a) -8 | b) 7 | c) -5 | d) -8 |
| e) -10 | f) -1 | g) 0 | h) 4 | i) 0 | j) 7 |
| k) -3 | l) -5 | 3. 4 | 4. a | | |
| 5. a) 1 | b) 55 | c) -28 | d) -1 | | |
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Unit 14.3

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|-----------|-------------|--------|------------|----------|--------|
| 1. a) -10 | b) 1 | c) 6 | d) -54 | 2. a) -4 | b) -21 |
| c) 7 | d) 36 | e) -38 | f) -118 | g) 0 | h) -6 |
| 3. 40 ft | 4. 18 (+ve) | 5. a | 6. -432 ft | | |
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Unit 14.4

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|----------------|----------------|---------------|-----------------|-------------|----------------|
| 1. a) (5,4); I | b) (-7,2); III | c) (3,-2); IV | d) (-2,-8); III | e) (1,8); I | f) (10,-6); IV |
| 2. a) IV | b) I | c) II | d) III | e) IV | f) II |
| 4. a) 0 | b) 0 | c) 7 | d) x-axis | e) y-axis | 5. c |
| 6. rectangle | | | | | |
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Unit 14.5

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|---------------------|---------------------------------|----------------------|
| 1. a) Divided by 3 | b) Multiply by -5 | 2. Multiply by -6 |
| 3. a) -36,3,16,8,-1 | b) -119,-10,0,7,77 | 4. no; multiply by 9 |
| 5. d | 6. multiply by 8; -12,-64,0,120 | |
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Unit 14.6

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|------------|---------------------|----------|-----------------|--------------|
| 2. a) \$98 | b) 20 | c) 18 hr | d) ground floor | 3. 4:30 P.M. |
| 4. a | 5. 4 ⁰ F | | | |
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Unit 14.7

- 8,-8
 - 8 questions
 - negative
 - 4
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 - Divide by -12; 12,-120,108,-7
 - 25 vans
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