

Unit 5.1

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|-----------------|----------|--------|----------|-------|--------|
| 1. a) 3.3 | b) 15.7 | c) 9.5 | d) 180.8 | | |
| 2. a) 37 | b) 89 | c) 61 | d) 31 | e) 63 | f) 211 |
| 3. a) 2 | b) 19 | c) 67 | d) 43 | e) 2 | f) 7 |
| 4. no; its less | 5. Devin | 6. a | 7. 3; 45 | | |
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Unit 5.2

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| 1. a) 13.9 | b) 18.13 | c) 8.4 | d) 9.2 | e) 8.897 | f) 15.715 | |
| 2. a) 50.47 | b) 8.16 | c) 25.175 | d) 17.578 | e) 33.801 | f) 9.91 | |
| | g) 23.55 | h) 174.825 | i) 0.249 | j) 58.48 | k) 999.376 | l) 2999.5 |
| 3. a) 1.13 | b) 4.94 | c) 6.69 | 4. b | 5. Kelly; \$619.78 | | |
| 6. \$30.59 | | | | | | |
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Unit 5.3

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|-----------|------------------|-----------|----------|-------|---------|-------|
| 1. a) 408 | b) 700 | c) 216 | d) 110 | | | |
| 2. a) 180 | b) 10 | c) 70,000 | d) 2 | | | |
| 3. a) 45 | b) 10 | c) 112 | d) 200 | e) 8 | f) 21 | |
| | g) 112 | h) 48 | i) 11 | j) 20 | k) 100 | l) 52 |
| 4. yes | 5. $380 \div 10$ | 7. \$138 | 8. 4,400 | 9. b | 10. 105 | |
| 11. \$44 | 12. 210 points | | | | | |
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Unit 5.4

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|-------------|------------|--------------|-----------|-----------|----------|
| 1. a) 0.75 | b) 0.704 | c) 0.300 | d) 0.078 | e) 2.048 | f) 0.148 |
| | g) 0.45 | h) 1.856 | | | |
| 2. a) 3.5 | b) 1.296 | c) 0.72 | d) 30.42 | e) 16.8 | f) 4.368 |
| | g) 48.794 | h) 0.864 | i) 13.36 | j) 5.4296 | 5. c |
| 7. 8.22 sec | 8. \$33.25 | 9. \$1933.25 | 10. 0.819 | | |
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Unit 5.5

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|------------|-------------|----------|-----------|-----------|-----------------|----------|
| 1. a) 6.15 | b) 5.51 | c) 3.694 | d) 20.24 | e) 12.45 | f) 12.29 | |
| | g) 69.905 | h) 34.41 | i) 10.22 | j) 0.078 | k) 7.4025 | l) 22.33 |
| | m) 39.9525 | n) 14.89 | 2. \$9.28 | 3. \$20.6 | 4. 46.825 miles | |
| 5. a | 6. 6.82 sec | | | | | |
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Unit 5.6

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| 1. a) 14 | b) 9 | c) 99 | d) 191 | | |
| 2. 252; 22 | | | | | |
| 3. \$99.5 | | | | | |
| 4. a) 135.84 | b) 232.25 | c) 102.77 | d) 22.626 | | |
| 5. a) 4,901 | b) 3 | c) 248 | d) 60 | | |
| 6. \$743 | | | | | |
| 7. a) 41.472 | b) 0.3052 | c) 0.88021 | d) 0.31806 | | |
| 8. 4.65598 | | | | | |
| 9. a) 11.945 | b) 1.856 | c) 11.51 | d) 217.21 | | |
| 10. \$29.82 | | | | | |
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