

Unit 20.1

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|-----------|------------|------------|------------|----------|-------------|
| 1. a) 0.9 | b) 0.32 | c) 0.92 | d) 6.24 | e) 17.71 | f) 2.17 |
| g) 16.73 | h) 29.81 | i) 82.92 | 2. a) 5.02 | b) 6.28 | c) 8.29 |
| d) 29.811 | e) 466.493 | f) 246.588 | 3. 6.235 | 4. 662.2 | 5. \$376.05 |
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Unit 20.2

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| 1. a) 0.54 | b) 2.95 | c) 1.65 | d) 37.89 | e) 3.25 | f) 3.967 |
| g) 25.376 | h) 177.67 | i) 56.991 | | | |
| 2. 19.30 | 3. 80.25 miles | | 4. 102.01 m | 5. \$510.25 | |
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Unit 20.3

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| 1. a) 8 | b) 20 | c) 8 | d) 63 | e) 19 | f) 30 |
| g) 106 | h) 28 | i) 112 | | | |
| 2. a) 91 | b) 0 | c) 28 | d) 58 | e) 111 | f) 3 |
| 3. a) 13 | b) 453 | c) 25 | d) 89 | e) 1,125 | f) 297 |
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Unit 20.4

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|--------------|----------------|------------|------------|-------------|------------|
| 1. a) 0.8054 | b) 1.679 | c) 106.044 | d) 24.6145 | e) 112.3089 | f) 185.143 |
| g) 167.642 | h) 9999.847920 | | | | |
| 2. a) 3.95 | b) 216.89 | c) 40.91 | d) 285.87 | 3. \$1 | 4. 11 |
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Unit 20.5

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|-------------|------------|----------------|------------|--------------|------------|
| 1. a) 6.007 | b) 3.76 | c) 72.957 | d) 6567.43 | e) 194.511 | f) 188.331 |
| 2. 60.36 | 3. 36.86 m | 4. 72.895 inch | | 5. 12.98 gal | |
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Unit 20.6

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|-------------|---------------|----------|-------------|---------------|-------------|
| 1. a) 21.6 | b) 103.6 | c) 27.78 | d) 588 | e) 0.375 | f) 87.84 |
| 2. a) 89.91 | b) 21.975 | c) 51.78 | d) 0.0084 | e) 8691.2 | f) 1726.494 |
| g) 322.3 | h) 357.7 | i) 33.9 | j) 108.0096 | | |
| 3. \$7.95 | 4. 117.53 mph | | 5. b | 6. no; 1245.4 | |
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Unit 20.7

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|------------|---------|---------|----------------|---------|-----------|
| 1. a) 0.04 | b) 14.3 | c) 0.5 | d) 10.1 | e) 0.9 | f) 12.0 1 |
| 2. a) 5.1 | b) 5.1 | c) 20.8 | d) 31.6 | e) 45.8 | f) 49.21 |
| g) 14.3 | h) 42.8 | | | | |
| 3. 7.26 | 4. d | 5. 125 | 6. 1.5625 mile | | |
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Unit 20.8

1. a) > b) > c) > d) > e) < f) >
 g) < h) =
2. $18.20 > 17.3$ 3. 6 mph 4. b 5. 0.3 mile per minute
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Unit 20.9

1. Merry: \$29.15 and Paul: \$58.3
2. Ira → \$16; Lovey → \$10; Desi → \$120
3. Jane → egg and potato; box of cereal, loaf of bread, and gallon of milk
 Kiki → egg and potato, box of cereal, loaf of bread, gallon of juice
4. Smith → \$49; Lucy → \$63
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Unit 20.10

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| 1. a) 113.301 | b) 0.22003 | c) 176.0005 |
| 2. \$282.1795 | 3. 36.70 minutes | |
| 4. a) 44.6416 | b) 0.98719 | c) 3638.9201 |
| 5. 11.191 sq units | 6. 27.048 liters | |
| 7. a) 27 | b) 3.0 | c) 29 |
| d) 428 | e) 80 | f) 60 |
| 8. 9.97 inch | 9. $85.58 - 66.69 = 18.89$ | 10. 188.627 lb |
| 11. 708 | | |
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