ACTIVITY ANSWER KEY

Chapter 5, Section 1

Check your answers from the Answer Key.
Correct all errors, then complete your next goal.

Lesson 1: *Fractions*

Fractional Metrics

1. Metric System
2. international trade
3. easier
4. Mexico
5. $\frac{1}{3}$
6. $10\frac{2}{3}$
7. 6
8. 3
9. measure
10. one-half
11. 96.52 cm tall
12. 48.26 cm
13. 48.26 cm
14. gram
15. 1000
16. metric ton
17. 1000
18. 18.2
19. $\frac{3}{4}$
20. 13.65
21. 13.65
22. (c) $2\frac{5}{8}$ liters
23. (d) 700 kilometers
24. 20 metric tons
25. *"People who plan to succeed often do. People who do not plan usually do not succeed."*

Lesson 2: *Converting*

English to Metric System

1. "smaller"
2. E-mail
3. sale
4. Metric
5. conversion factors
6. memorize
7. conversion factors
8. length
9. meter; inch
10. rounded
11. dividing out
12. 2.54
13. .3048
14. 1
15. 39.37
16. 1.09
17. one
18. .6213
19. inches
20. 12.7
21. miles
22. divided out (or canceled)
23. kilometers
24. yard
25. millimeter, meter
26. (a) .6096 m
27. (d) 18.6 miles
28. 4.572
29. 236.22
30. 60.96
31. 1.1811
32. 15.75
33. *"Converting a bad life into a good life is worth the effort."*

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Lesson 3: *Converting* Conversions

1. conversion factors
2. countries
3. volume
4. memorization
5. rounded
6. liter
7. English to Metric
1 cubic inch = 16.39 cubic cm
1 gallon = 3.785 liters
1 cubic foot 28.316 liters
1 quart = .946 liters
Metric to English
1 cubic cm = .061 cubic inch
1 cubic meter = 35.315 cubic feet
1 liter = 1.05 quarts
1 liter = .264 gallon
8. 16.39
9. cubic inches
10. quart, liter
11. 4,257
12. divided out
13. 1
14. gallon
15. feet
16. (d) 84.95 liters
17. (b) 1.06 gallons
18. 32.78
19. 4.257
20. 26.25
21. 22.71
22. *"Technology changes while human nature remains the same."*

Lesson 4: *Converting* More Conversion

1. Weight
2. volume
3. Metric
4. memorize
5. gram, ounce
6. kilogram
7. metric ton
8. 1,000
9. 454
10. one
11. 28.35
12. ounce
13. 1,000
14. grams
15. 1,135,000
16. one
17. 11
18. ounces
19. .00175
20. (c) 22,680 kg
21. 17.5
22. 65.21
23. 17,600
24. .56
25. (b) 48,400 pounds
26. 4.4
27. 4,540,000 mg
28. *"Weigh all your options before proceeding."*



Lesson 5: *Fundamentals* Prime

1. prime
2. special, best
3. prime numbers
4. prime number
5. 6
6. way (or road)
7. product
8. composite number
9. P
10. C
11. P
12. C
13. integers
14. Prime factorization

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15. Fundamental Theorem; Arithmetic
16. 2, 3
17. 2, 2, 2
18. 5, 5
19. 3, 3, 11
20. *"Man's nature is composed of good and bad. The nature he feeds the most is the most powerful."*



Ask for your QUIZ over Section 1.
Reminder: Students who score 85% or higher on the three section quizzes may be exempt from the chapter test!

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