ACTIVITY ANSWER KEY

Chapter 3, Section 1

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

Lesson 1: *Converting*
Review Length

1. Length
2. conversion
3. divide (or cancel)
4. proper
5. five
6. 5280
7. 12
8. 7
9. divide (or cancel)
10. miles, feet
11. 443,520
12. 320.25 inches
13. 10,560 feet
14. 5,280 yards
15. 800, 1500
16. 700 m
17. 100
18. units
19. multiplying
20. 1,500,000 mm
21. (a) 100,000 mm
22. (d) 20,000 cm
23. *"All human wisdom is summed up in two words: wait and hope."*

Lesson 2: *Converting*
Review Measure

1. Mathematics Chart
2. conversion
3. Volume
4. divide
5. 4
6. 4
7. 2
8. 2
9. multiplying
10. quarts
11. 64
12. (b) 2,560 oz
13. (d) 32 oz
14. 4 gallons
15. 3
16. 2
17. 1000
18. units
19. liters, milliliters
20. 2
21. 750 doses
22. .355 liter
23. *"You cannot escape the responsibility of tomorrow by evading it today."*

Lesson 3: *Converting*
Review Weight

1. weight
2. end
3. force, gravity
4. Sidney
5. Shane Hamman, 429.25 pounds
6. 16 ounces
7. one
8. pounds
9. 6,868
10. (c) 176 oz
11. .2865 tons
12. 195
13. milligrams

©Copyright 2005, Paradigm Accelerated Curriculum

14. 1000
15. 1000
16. kilograms, grams
17. 195,000,000
18. (e) none of these
19. 195,000 grams
20. *"We are what we repeatedly do. Excellence then, is not an act, but a habit."*

Lesson 4: *Geometry*
Review Perimeter & Area

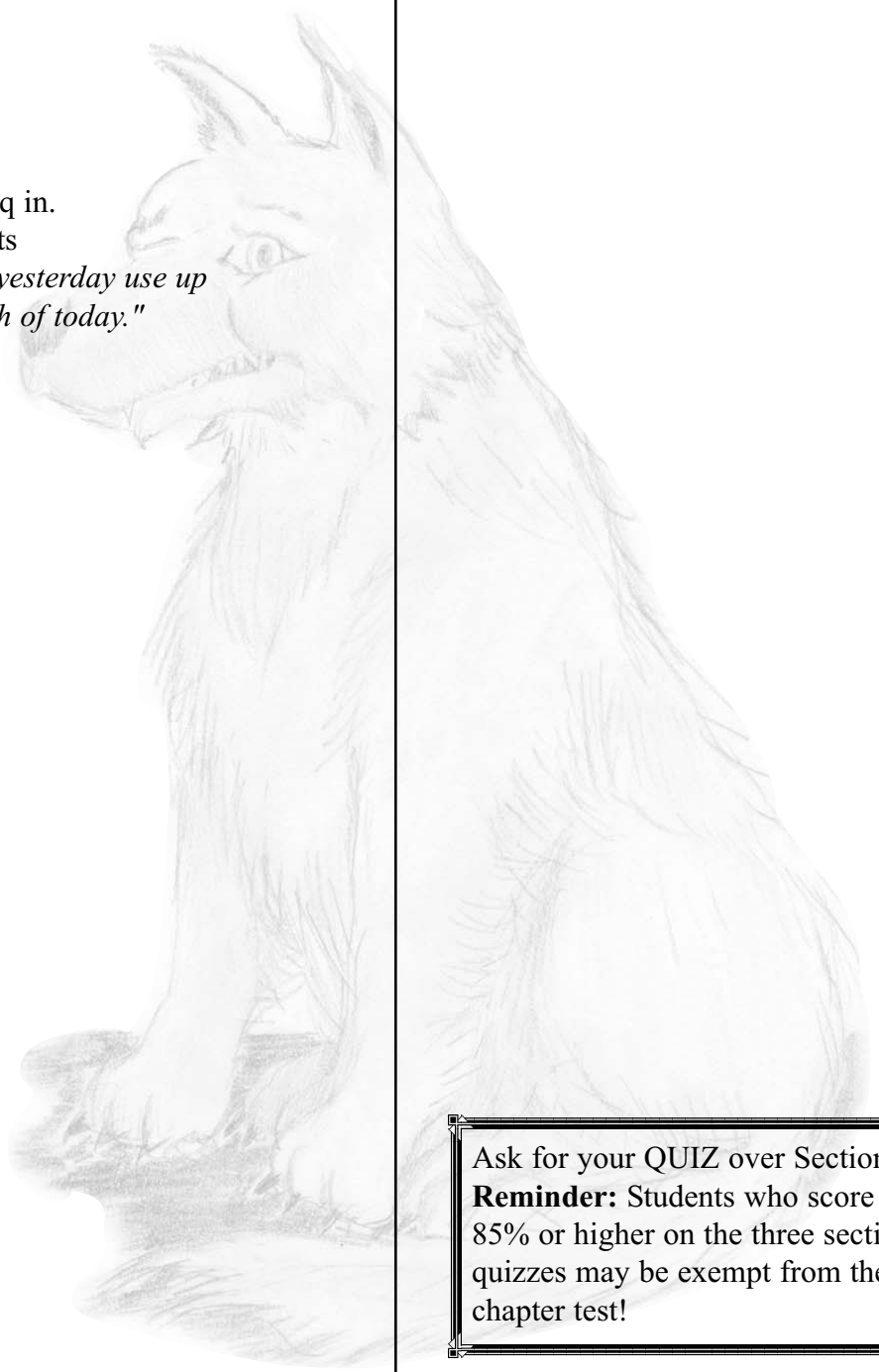
1. perimeter
2. octagon
3. 5
4. adding
5. 30 yards
6. (d) 326 feet
7. circumference
8. diameter
9. radius
10. 2 inches
11. 4 inches
12. 3.14
13. 4
14. (b) 25.12 units
15. 31.4 units
16. 30
17. 25
18. area
19. $A = l \times w$
20. 30 ft
21. 750 square feet
22. 500 square feet
23. 50 square yards
24. 20
25. πr^2
26. $d/2$
27. 100
28. 3.14
29. 314
30. 160 ft
31. trapezoid
32. $1/2(b_1 + b_2)h$
33. 50
34. 120
35. 3,000
36. (a) 270 sq meters
37. 45 square inches
38. triangle
39. 5
40. 8
41. $A = 1/2bh$
42. 5
43. $40/2$
44. 150 cm^2
45. (e) none of these
46. *"If you kick a stone in anger, you will hurt your own foot."*

Lesson 5: *Geometry*
Review Surface Area

1. faces
2. cube
3. 2
4. 6
5. add
6. $6s^2$
7. 2 • 2
8. (c) 24 sq inches
9. 864 square inches
10. 6
11. 100
12. $4\pi r^2$
13. 6 in.
14. 36 in^2
15. 452.16
16. in^2
17. (b) 804 sq in.
18. 804 cm^2
19. 12
20. 11
21. is not
22. 5.5

©Copyright 2005, Paradigm Accelerated Curriculum

23. $A_s = 2\pi rh + 2\pi r^2$
24. 5.5 in.
25. 449.02
26. 113.04 sq in.
27. 169.6 sq in.
28. cones
29. 20
30. 10
31. 15
32. 5
33. πrl
34. 235.5
35. (c) 25.12 sq in.
36. 314 sq units
37. *"Don't let yesterday use up too much of today."*



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!

©Copyright 2005, Paradigm Accelerated Curriculum



©Copyright 2005, Paradigm Accelerated Curriculum