ACTIVITY ANSWER KEY

Chapter 4, Section 1

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

Lesson 1: *Geometry*
Shapes

1. crests, flags
2. shape
3. Alamo
4. sphere
5. stop
6. circles
7. cylinders
8. straight line
9. triangles
10. Egypt, Greece
11. geometry
12. Renaissance
13. foundation
14. lines
15. line
16. infinite
17. line segment
18. endpoint
19. point
20. parallel
21. point, intersection
22. transversal
23. ray
24. one
25. angles
26. angles
27. ∠
28. 3
29. 90°
30. acute
31. obtuse
32. straight
33. *"The best formula for success is the 'try' angle."*

Lesson 2: *Geometry*
Triangles

1. triangles
2. triangle
3. right
4. obtuse
5. less
6. isosceles
7. equal, equal
8. right
9. obtuse
10. acute
11. isosceles
12. equilateral
13. B
14. *"A three-fold cord is not easily broken."*

Lesson 3: *Geometry*
Polygons

1. polygon
2. two dimensional
3. number
4. Latin
5. c penta-
6. b nona-
7. a tri-
8. f hexa-
9. d quadri-
10. e deca-
11. c pentagon
12. f heptagon
13. a triangle
14. b octagon
15. e hexagon

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16. d quadrilateral
17. parallelogram
18. is parallel to
19. 90°
20. typing or copy
21. square
22. square
23. circle
24. No
25. Yes
26. No
27. Yes
28. Yes
29. Yes
30. 2, 2
31. CD
32. AC
33. AB
34. 90°
35. circle
36. pentagon
37. octagon
38. hexagon
39. trapezoid
40. *"A chain is as strong as its weakest link."*



Lesson 4: ***Geometry***
On the Perimeter

1. perimeter
2. builders
3. rules
4. formulas
5. add
6. 5
7. 20
8. 12
9. 10
10. mirror image
11. equal (or the same)
12. 52 units
13. $P = 2w + 2l$
14. (a) True
15. substituting
16. square
17. 4
18. 16
19. circumference
20. Drawing
21. circumference
22. radius
23. diameter
24. 5 units, 10 units
25. (a) True
26. $2\pi r$
27. πd
28. 1, 2
29. 3.14
30. 314 feet
31. 25,120 miles
32. 25.12 inches
33. 37.68 feet
34. *"Truth is straight; lies go in circles."*

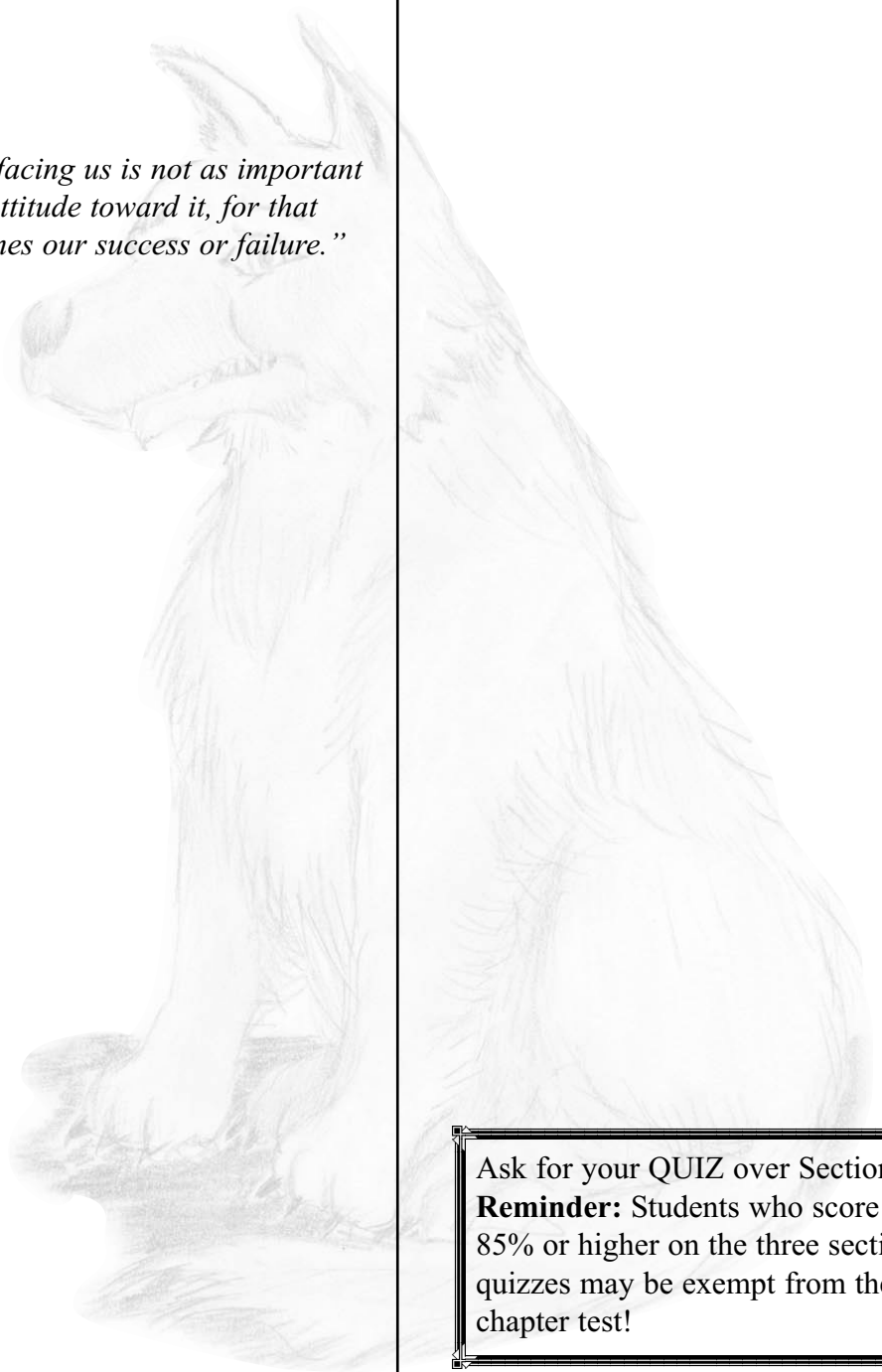


Lesson 5: ***Geometry***
Pythagoras

1. Pythagoras
2. Pythagorean Theorem
3. length (or measurements)
4. hypotenuse
5. longest
6. BC
7. square, squares
8. Upper, lower
9. $c^2 = a^2 + b^2$
10. square root
11. 4
12. 1
13. c
14. placed
15. 2
16. square root
17. must
18. $\sqrt{2}$

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19. radical form
20. radical
21. 6
22. 8
23. a
24. 2
25. 4, 3
26. 1
27. $\sqrt{5}$
28. 3
29. 4
30. *"Any fact facing us is not as important as our attitude toward it, for that determines our success or failure."*



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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