# ACTIVITY ANSWER KEY

## Chapter 2, Section 2

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



### Lesson 6: *Geometry*
*Reflect*

**1.** reflection
**2.** life
**3.** memory
**4.** reflect
**5.** Mathematicians
**6.** line
**7.** congruent
**8.** symmetry
**9.** GH
**10.** ∆DEF
**11.** flipped
**12.** reflected
**13.** ~
**14.** same distance
**15.** horizontal
**16.** page
**17.** AB
**18.** No
**19.** No
**20.** No
**21.** No
**22.** Yes
**23.** No
**24.** Yes
**25.** *"Your actions are a reflection of your character."*



### Lesson 7: *Graphs*
*On The Slopes*

**1.** slanted
**2.** pitch
**3.** slope
**4.** Pitch
**5.** line
**6.** rise
**7.** run
**8.** Cartesian Coordinate
**9.** run
**10.** rise
**11.** ratio
**12.** slope = $^{rise}/_{run}$
**13.** m
**14.** m = $^{(y_2 - y_1)}/_{(x_2 - x_1)}$
**15.** (x, y)
**16.** coordinates
**17.** abscissa
**18.** ordinate
**19.** (0, 0)
**20.** (4, 4)
**21.** slope
**22.** 1
**23.** 1
**24.** 1
**25.** 1
**26.** (a) equal to
**27.** (c) $^1/_2$
**28.** (a) $^1/_3$
**29.** $^1/_3$
**30.** *"The path to success is sometimes a steep climb."*



### Lesson 8: *Graphs*
*More Slopes*

**1.** ridge
**2.** gable
**3.** triangle
**4.** pitch



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**5.** (any order) positive, negative
**6.** positive
**7.** negative
**8.** Cartesian Coordinate
**9.** intersect
**10.** origin
**11.** added
**12.** Pythagorean Theorem
**13.** zero
**14.** zero
**15.** negative
**16.** Negative
**17.** larger
**18.** positive
**19.** (b) $^{3}/_{1}$, upward
**20.** (e) none of these
**21.** (a) $^{1}/_{4}$, upward
**22.** $-^{1}/_{7}$, downward
**23.** $^{1}/_{2}$, upward
**24.** $^{1}/_{2}$, upward
**25.** *"A positive attitude can take you upward to new heights."*



**Lesson 9: *Graphs***
*Slopes Again*

**1.** visualize
**2.** equal
**3.** meet
**4.** parallel
**5.** perpendicular
**6.** right angles (or 90° angles)
**7.** reciprocals
**8.** 1
**9.** intersect
**10.** undefined
**11.** zero
**12.** intersect
**13.** perpendicular
**14.** intersect
**15.** parallel
**16.** intersect
**17.** perpendicular
**18.** -1, $^{1}/_{6}$, intersect
**19.** $^{1}/_{3}$, $^{3}/_{7}$, intersect
**20.** *"A good attitude is the reciprocal of a bad one."*



**Lesson 10: *Fundamentals***
*Factors*

**1.** factor
**2.** factors
**3.** relationship
**4.** 42 pounds
**5.** 150 pounds
**6.** Sally is ten years old. Tom is thirty years old.
**7.** Timothy is two years old. Jimmy is one year old.
**8.** (c) 13%
**9.** (c) 800 miles
**10.** *"Love is the factor that keeps a marriage together."*

Ask for your QUIZ over Section 2.
**Reminder:** Students who score 85% or higher on the three section quizzes may be exempt from the chapter test!


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