ACTIVITY ANSWER KEY

Chapter 1, Section 1

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



Lesson 1: *Predictions*

Chance

1. weather patterns
2. predict
3. temperature
4. probability
5. chance
6. rain
7. spinners, number cubes or cards
8. certain
9. language
10. sample space
11. 7
12. outcome
13. subset
14. experiment
15. set symbols
16. {Tina, Tammy}
17. 10
18. {r, r, b}
19. {b}
20. (d) {1, 2, 3, 4, 5, 4, 4, 6}
21. (b) {2, 4, 4, 4, 6}
22. (d) {4, 4, 4, 5, 6}
23. (c) {1, 2, 3, 5, 6}
24. (d) {1, 2, 3, 4, 4, 4, 5, 6}
25. (b) False
26. {111, 111, 111}
27. {113, 114}
28. {111, 112, 113, 114}
29. {112, 111}
30. *"Learning increases the probability of success."*



Lesson 2: *Predictions*

Outcomes

1. outcome
2. means
3. chance
4. Percent
5. 35
6. sample
7. possible
8. denominator
9. favorable
10. 50
11. 10
12. 50
13. 20
14. 5
15. (a) adding
16. (b) subtracted from
17. 3
18. $\frac{1}{5}$ or one out of five
19. $\frac{4}{5}$ or four out of five
20. 20
21. (a) $\frac{3}{7}$
22. (d) $\frac{1}{7}$
23. (b) $\frac{2}{7}$
24. (c) black
25. *"Math and life are predictable because of absolutes."*



Lesson 3: *Predictions*

Luck, Or Not!

1. zero
2. zero
3. 10

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4. numerator
5. 40
6. zero
7. 1
8. numerator
9. denominator
10. one
11. 100
12. chance
13. translate
14. 6
15. 1 or one
16. 1 or One
17. 5
18. $^5/_6$ or five out of six
19. 0
20. twelve
21. (b) letters
22. 12
23. 1
24. 2
25. 0
26. D
27. none
28. (c) A, B, E
29. time
30. $^1/_4$
31. $^{39}/_{50}$
32. (c) $^3/_5$
33. (c) 0
34. (b) $^1/_5$
35. *"A clean heart translates into a clean life."*



Lesson 4: *Predictions*
Solving Problems

1. word problems
2. predicting
3. conjecture
4. conjecture
5. solution
6. Probability
7. patterns
8. pattern
9. understand
10. devise
11. plan
12. drawing
13. check
14. reread
15. consecutive
16. t
17. $2 \cdot n - 1$
18. 23
19. George Polya
20. (e) none of these
21. (b) 60
22. (a) 19
23. (b) $5n$
24. (b) $5n + 1$
25. *"Each problem that I solved became a rule which served afterwards to solve other problems."*

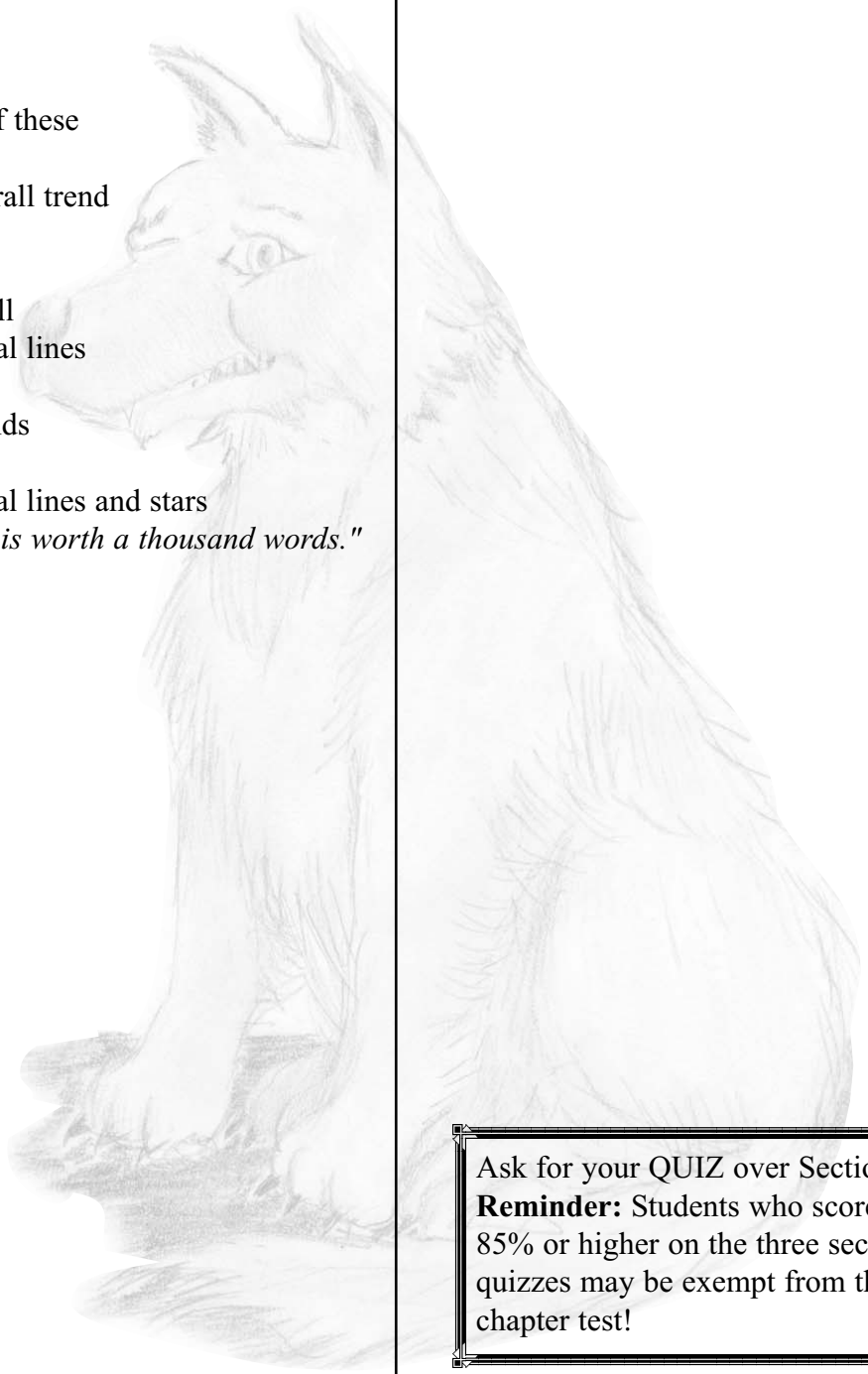


Lesson 5: *Predictions*
Predict with Graphs

1. stock, commodity
2. newspaper, internet
3. patterns
4. buys
5. graphs
6. line
7. bar, pie
8. sales
9. predictions
10. labor
11. commodity
12. stock market
13. trend
14. x-axis
15. upward
16. downward
17. $2.22
18. five

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19. pepperoni
20. supreme
21. Yes
22. (b) similar
23. (a) accurate
24. "pizza" (or pie)
25. interpreted
26. Pepperoni
27. Supreme
28. numbers
29. (d) none of these
30. (c) 5
31. (c) no overall trend
32. (b) down
33. (c) 15
34. (c) can't tell
35. (d) diagonal lines
36. (c) $7.00
37. (a) diamonds
38. (a) circles
39. (d) diagonal lines and stars
40. *"A picture is worth a thousand words."*



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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