PUZZLEWISE™ FOR GROWING MINDS

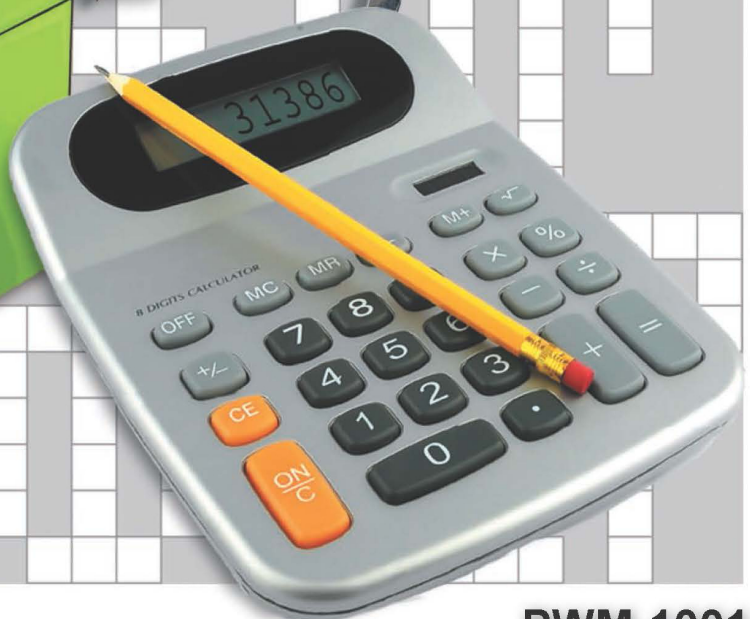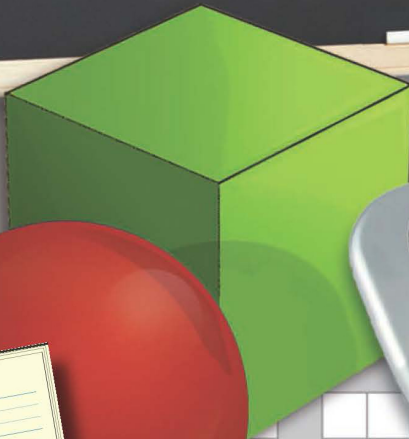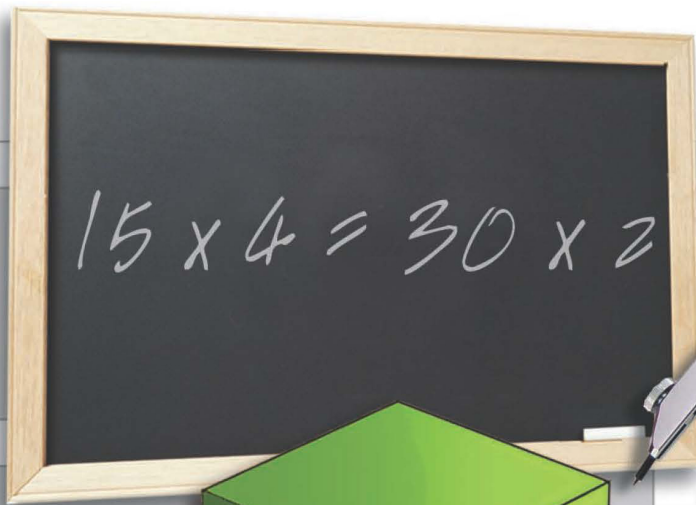## School/Home Edition

MATH

Standards Based Math Literacy Program

The Building Block to Classroom Instruction, Test Preparation, and Math Proficiency.

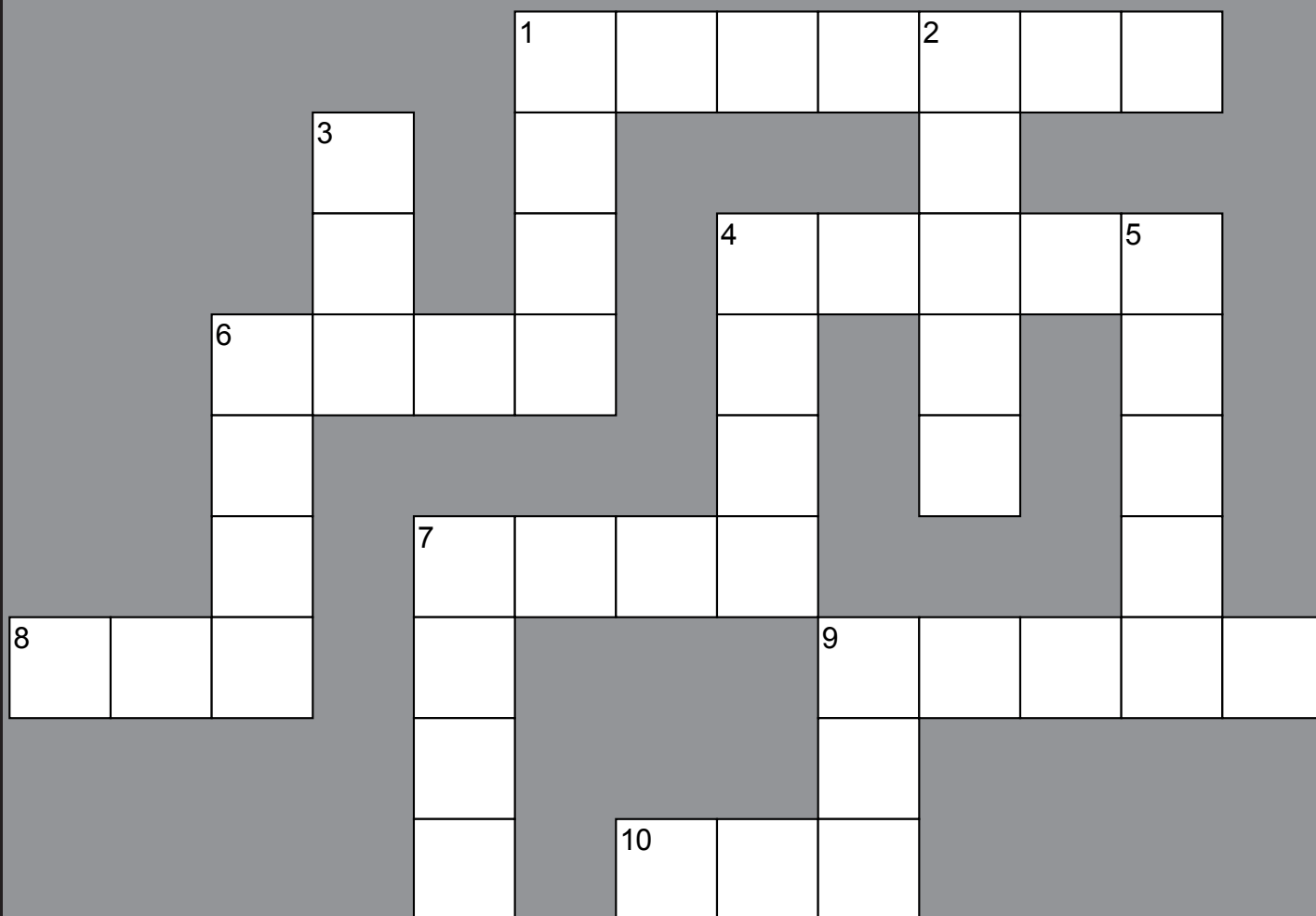$$15 \times 4 = 30 \times 2$$

31386

- 36 Weekly Activities
- 9 Monthly Assessments
- Teacher Guide, P. 6 - 7

PWM-1001

Students improve critical thinking skills and problem solving strategies.

Student Name:

ACROSS

1 How many O's? (OOOOO) (OOOOO) (OOOOO)

4 How many legs on two cows?

6 A rectangle has ___ sides. (P. 109.)

7 Starting with A, which 4 letters repeat? A C K S A C K S A C K S …

8 5 + ___ = 6

9 4 circles and 3 circles are how many circles?

10 2 + 4 = ___

DOWN

1 How many groups of 3? (X) (XXX) (XX) (XX) (XXX) (X) (XXX) (XX) (X) (XXX) (XX)

2 Add the number and the stars: 5 ★★★.

3 Which is smallest: 3, 6, or 2?

4 Bar graph of 5 eggs and 3 apples. Which bar is longer: EGGS or APPLES? (P. 110.)

5 See the 4 big dogs. 1 dog runs home. How many now?

6 A nickel = ___ cents. (P. 109.)

7 XOXO…XOXO…XOXO… Which is the same pattern: ABCD, ABBA, ABAB?
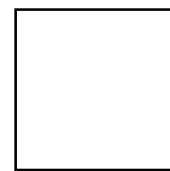
9 2, 4, ___ , 8.

1. What is this number?
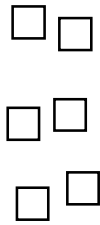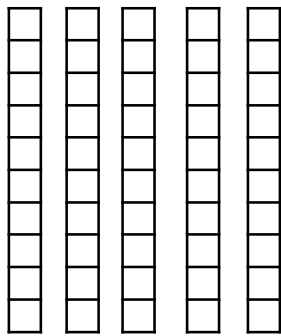
○ **A** 26   ○ **B** 56

○ **C** 99   ○ **D** 42

2. What number is missing?

20, 25, 30, 35, _____ , 45, 50, ...

○ **A** 40

○ **B** 60

○ **C** 15

○ **D** 35

3. Circle the triangles:
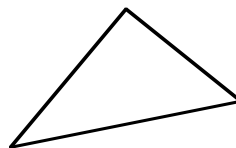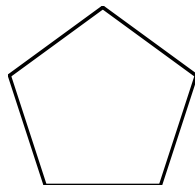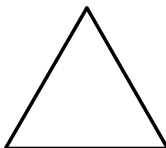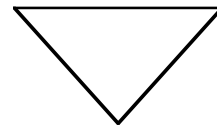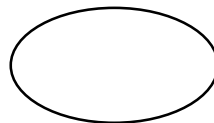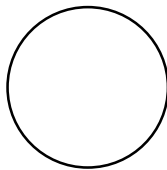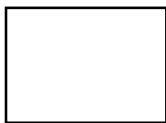
How many sides does a triangle have?   _____

How many corners does a triangle have?   _____

4. Math Vocabulary. On a separate paper, define what these words mean to you. Be as detailed as possible. Use any resources available.   Clock, line, penny.

"Rain or shine, I always do my best."

/15
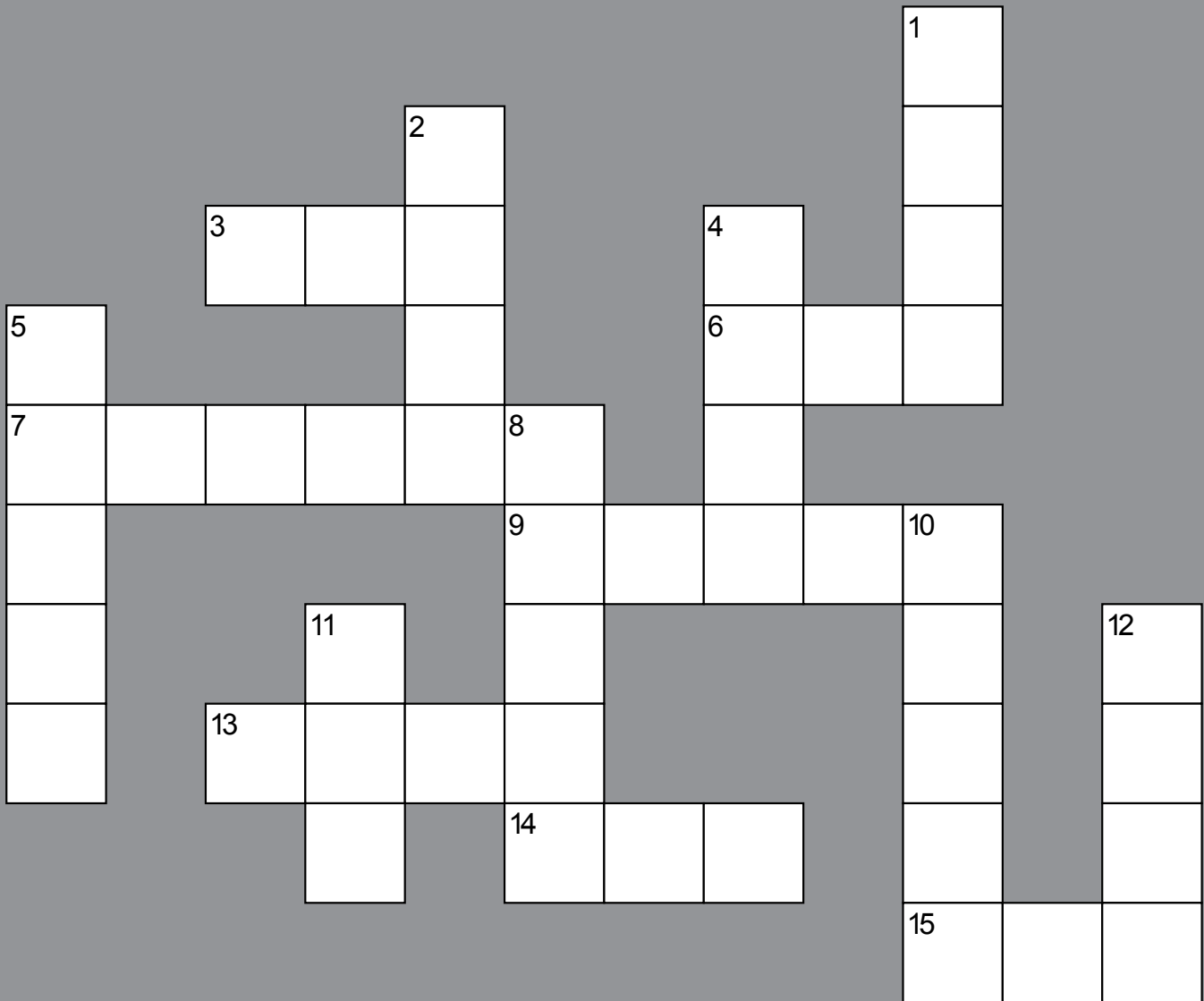
ACROSS

3 Starting with Z, which 3 letters repeat? Z N O Z N O Z N O…

6 1 + ___ = 2

7 One foot has 12. (P. 110.)

9 Jane has 5 cats. 2 cats hide. How many cats now?

13 How many groups of 2? (00) (0) (000) (0) (000) (00) (00) (00)

14 3 + 3 = ___

15 How many X's? (XX) (XX) (XX) (XX) (XX)

DOWN

1 9, 8, 7, 6, ___ .

2 Is 5 more or less than 3?

4 Sixty minutes. (P. 110.)

5 4, 6, ___ , 10.

8 Bar graph of 4 rings and 7 stars. Which bar is longer: RINGS or STARS? (P. 110.)

10 I am a number. I am 2 more than 6. What number am I?

11 PAA…PAA…PAA… Which is the same pattern: XOX, XOO, OOX?

12 Which is tallest? DOG, BARN, CAR.

Parent/Guardian signature: 12   For puzzle time, return on:

1. Add this:

$$6 + \bullet\bullet\bullet\bullet\bullet\bullet =$$

○ **A**   8

○ **B**   10

○ **C**   12

○ **D**   5

2. Look at this graph:

Sunny Days
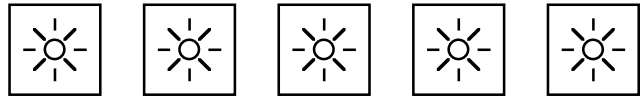
Rainy Days
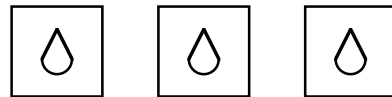
How many days were sunny?

○ **A** 3   ○ **B** 5

○ **C** 1   ○ **D** 2

3. Look at these number cards:

95

8

37

50

17
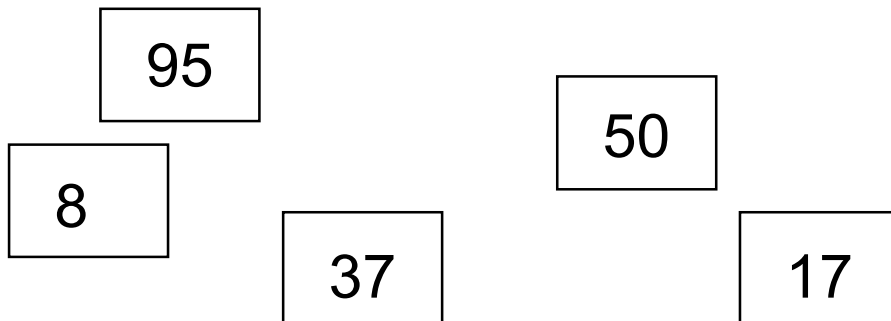
Which number is smallest?   _____

Which number is largest?   _____

4. Math Vocabulary. On a separate paper, define what these words mean to you. Be as detailed as possible. Use any resources available.   Year, foot, add.

13

Lesson 1: Page 10.

```
        F I F T E E N
    T   O           I
    W   U     E I G H T
  F O U R    G      H   H
  I        G      T   R
  V     A C K S      E
O N E   B      S E V E N
        A            I
        B   S I X    X
```

Lesson 2: Page 12.

```
                        F
          M           I
      Z N O       H   V
  E       R       O N E
  I N C H E S     U
  G       T H R E E
  H     X   A     I   B
  T   F O U R     G   A
      O   S I X   H   R
              T E N
```

Lesson 3: Page 14.

```
                    T   Y
                    W   A
                  F O U R
                  I     D
          M       F   M
          I       T W O
          C   F   E     L
      Z E R O   F I V E
          O   I   V     E
        Z T H R E E     N
        A   E
      G A L L O N
```
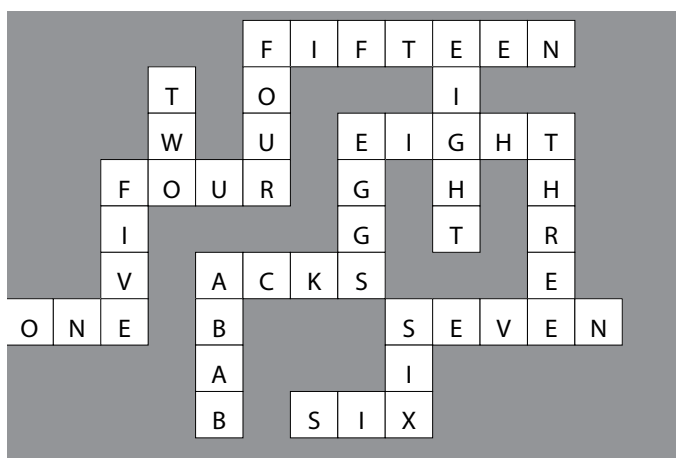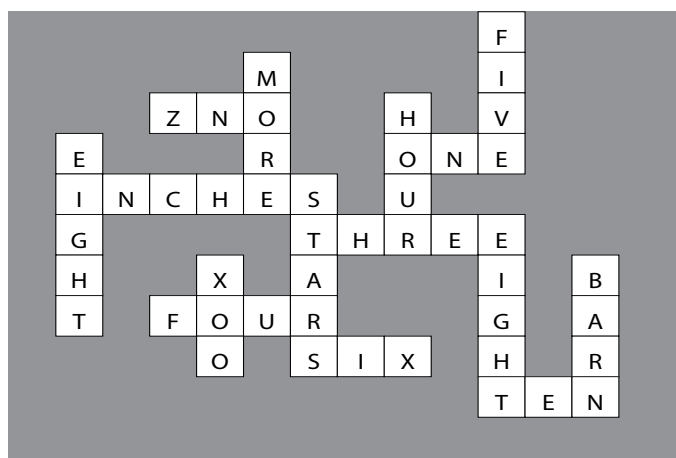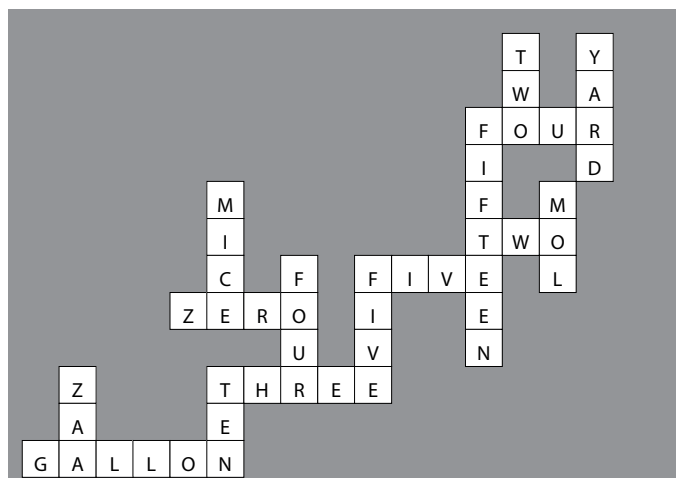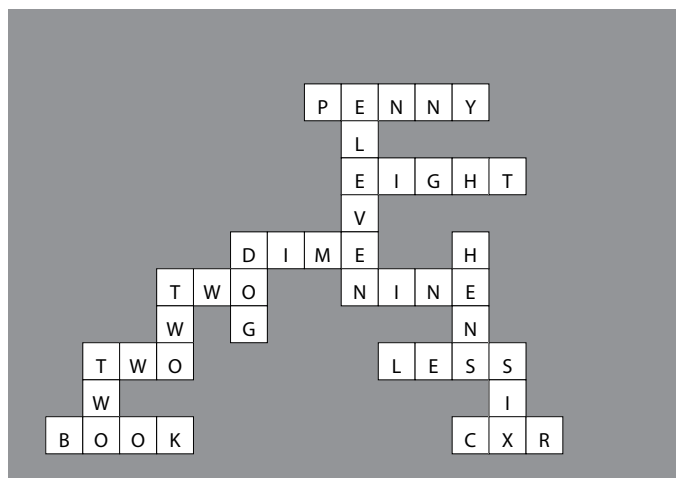
Lesson 4: Page 16.

```
              P E N N Y
              L
              E I G H T
              V
        D I M E     H
    T W O   N I N E
    W   G       N
  T W O       L E S S
  W               I
  B O O K       C X R
```

Lesson 6: Page 20.

```
C I R C L E
        E
D U C K S     S   S E V E N
      S E V E N   I
          V       G
          E I G H T
    S E V E N     T
    I       I   P
    Z X X   G   F O U R
            H   U
        T W E N T Y F I V E
            D   O
                A
```

Lesson 7: Page 22.

```
              N
            S I X
              N       E
        T H R E E     I       G
      P   W       S   G   T W O
      S   E       T   H       O
    B O W L S   F I F T E E N
          V       M
    F I V E     A D D
            S   T
          F I V E
            X
```
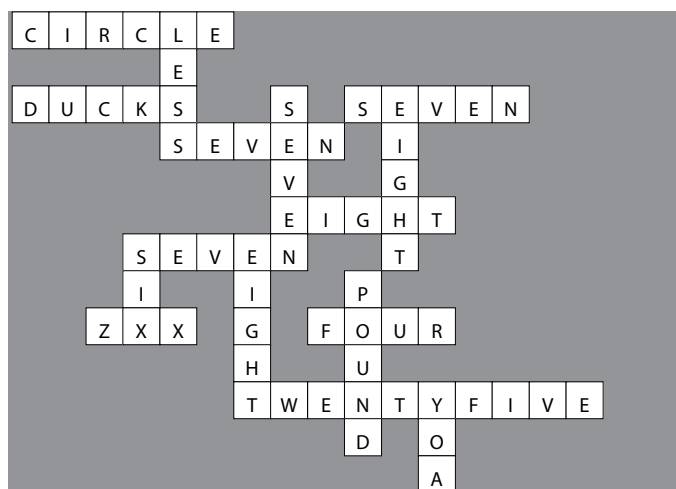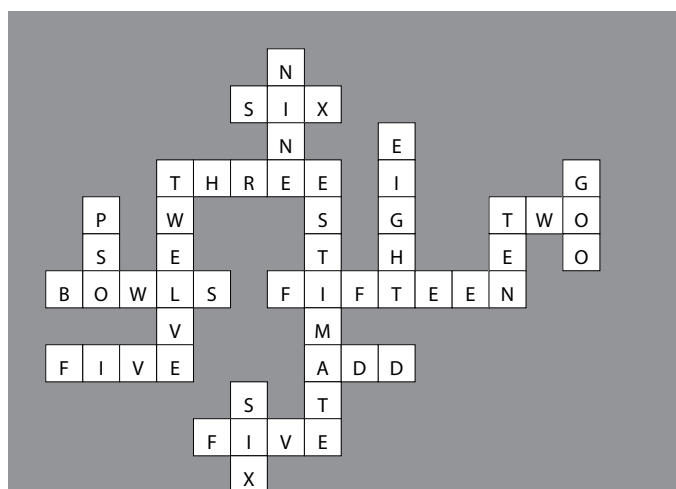
Application Page Answer Keys

|			
Lesson 1: P. 11 1: B 2: A	Lesson 2: P. 13 1: C 2: B	Lesson 3: P. 15 1: C 2: C	Lesson 4: P. 17 1: B 2: N/A
Lesson 6: P. 21 1: N/A 2: B	Lesson 7: P. 23 1: B 2: N/A	Lesson 8: P. 25 1: B 2: N/A	Lesson 9: P. 27 1: D 2: N/A
Lesson 11: P. 31 1: N/A 2: C	Lesson 12: P. 33 1: N/A 2: N/A	Lesson 13: P. 35 1: N/A 2: C	Lesson 14: P. 37 1: D 2: A
Lesson 16: P. 43 1: B 2: N/A	Lesson 17: P. 45 1: N/A 2: B	Lesson 18: P. 47 1: D 2: D	Lesson 19: P. 49 1: C 2: B
Lesson 21: P. 53 1: B 2: N/A	Lesson 22: P. 55 1: N/A 2: N/A	Lesson 23: P. 57 1: N/A 2: A	Lesson 24: P. 59 1: C 2: N/A
Lesson 26: P. 63 1: N/A 2: B	Lesson 27: P. 65 1: N/A 2: B	Lesson 28: P. 67 1: N/A 2: N/A	Lesson 29: P. 69 1: N/A 2: N/A
Lesson 31: P. 75 1: N/A 2: B	Lesson 32: P. 77 1: A 2: C	Lesson 33: P. 79 1: N/A 2: N/A	Lesson 34: P. 81 1: 44-even 2: B
Lesson 36: P. 85 1: N/A 2: A	Lesson 37: P. 87 1: C 2: C	Lesson 38: P. 89 1: 33-odd 2: N/A	Lesson 39: P. 91 1: A 2: C
Lesson 41: P. 95 1: N/A 2: B	Lesson 42: P. 97 1: N/A 2: N/A	Lesson 43: P. 99 1: 52-even 2: N/A	Lesson 44: P. 101 1: B 2: N/A

PUZZLEWISE
MATH Level 1

Students build skills and receive repetitive practice in national and state standards for academic success and higher scores on the state math tests.

Octagon
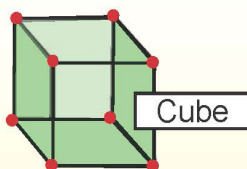
Cube

A **cube** has:
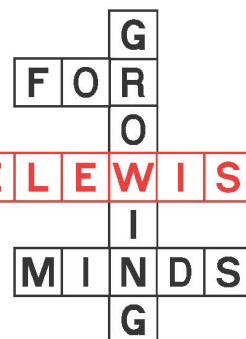- six faces (green)
- eight vertices (red)
- twelve edges (black)

Triangle

Square

Rectangle
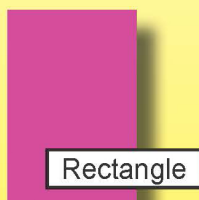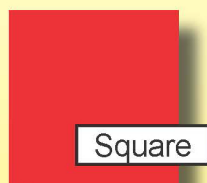
1. Three squares have how many sides total?

2. 9 sides + 4 sides - 3 sides - 6 sides = which geometric shape?

3. How many angles total in one octagon and three triangles?

Strongly Supports:

- **Numbers & Operations**
- **Measurement**
- **Geometry**
- **Data Analysis & Probability**
- **Algebra**
- **Mathematical Communication**
- **Researching Skills**
- **Reasoning Logically**
- **Academic Discourse**
- **Critical Thinking Skills**
- **Problem Solving Strategies**

"Truly an exceptional way to help students learn the skills necessary for success in school and become life-long learners. Fun, purposeful, and innovative!"

— Dr. Betsy Rogers
National Teacher
of the Year, 2003

SCIENCE

SPANISH

VOCABULARY

GROWING
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