

PUZZLEWISE™ FOR GROWING MINDS

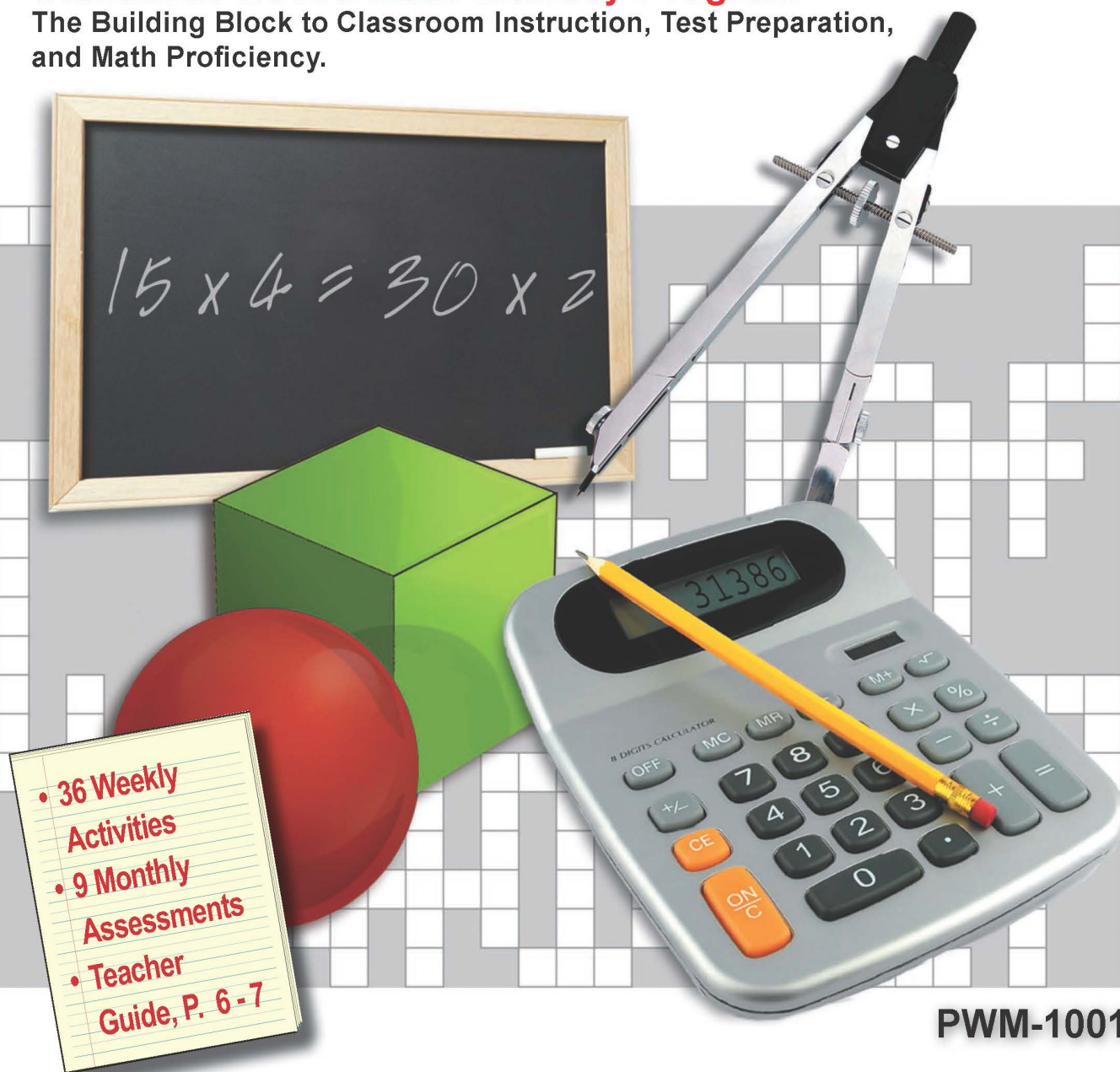
School/Home Edition

MATH

Supports
NCTM and **state**
standards.

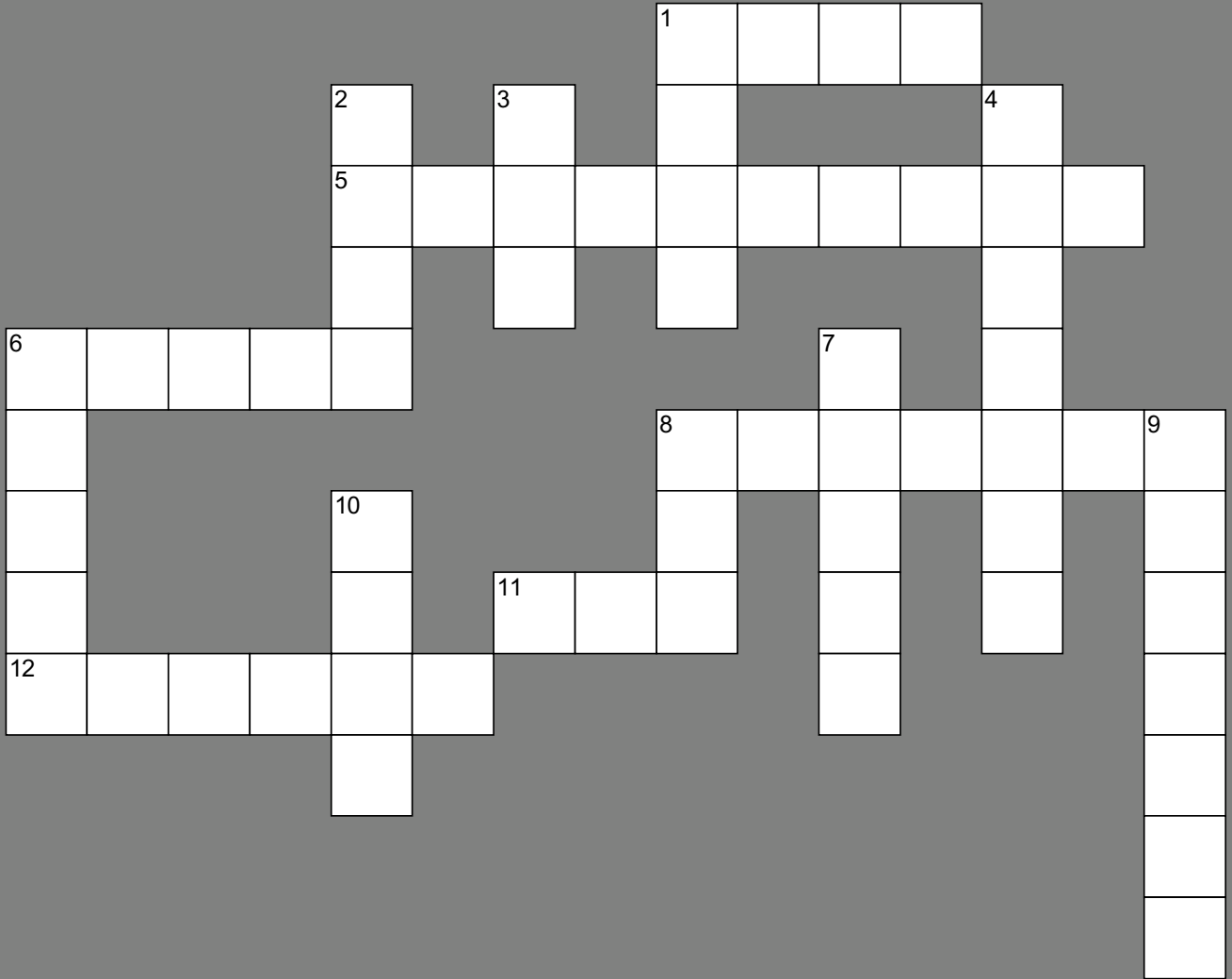
Standards Based Math Literacy Program

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



Students improve critical thinking
skills and problem solving strategies.

Student Name:



ACROSS

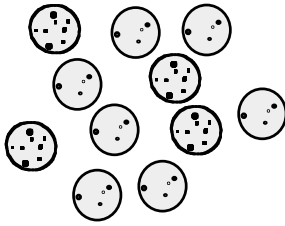
- 1 How many tens in forty?
- 5 What does the 1 stand for in 125?
- 6 Janet helped with chores for 3 hours last week. This week, she helped for 4 hours. How many hours altogether is that?
- 8 To find which tree is thicker, which might be useful: springs, strings, or wings?
- 11 At 7:30, to what number is the minute hand pointing on a clock?
- 12 What is $14 + 36 + 35 + 5$? (You can use a calculator!)

DOWN

- 1 How many sides does a square have? (P. 112.)

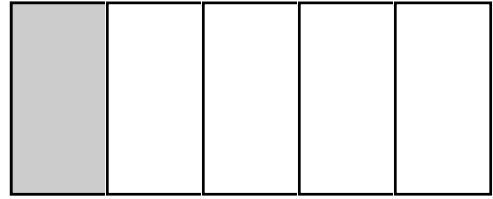
- 2 John measures his desk with paper clips. Lena uses pencils. Who uses more?
- 3 What goes here: 4, 6, 8, ____, 12?
- 4 $2 + 18 + 48 + 2$
- 6 $14 - 7$
- 7 Rico adds 105, 107, and 99. He thinks it will total about 500. Is he right or wrong?
- 8 Francis found 3 marbles and now she has 9. With how many did she start?
- 9 Josh threw a ball. Was it in the air for hours, minutes, or seconds?
- 10 Jack has 527 pennies, Rita has 752, and Bill has 275. Who has the most?

1. Emma has this many cookies. She gives three to each of her three friends. How many cookies are left over for Emma to eat?



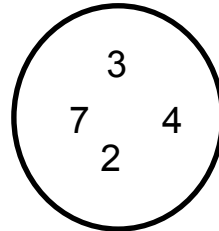
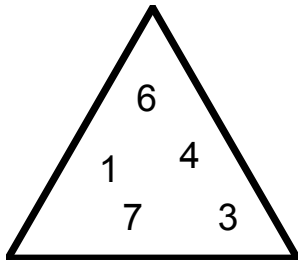
- ☐ **A** 2 ☐ **B** 3
☐ **C** 4 ☐ **D** 9

2. What fraction of this shape is shaded?



- ☐ **A** 1 seventh ☐ **B** 1 eighth
☐ **C** 2 sixths ☐ **D** 1 fifth

3. Read the clues below to find the secret number.



Clue #1: It is in both the circle and the triangle.

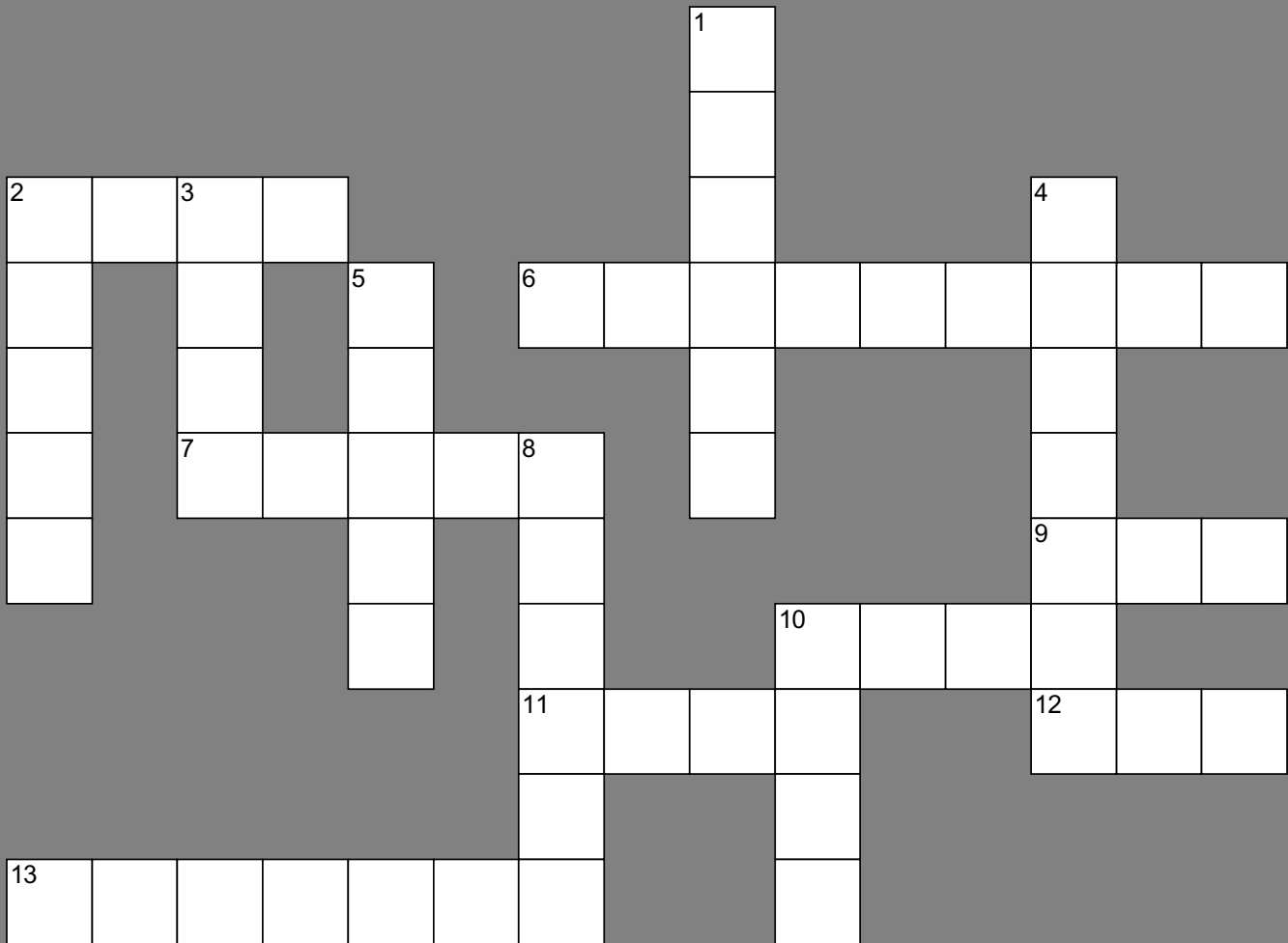
Clue # 2: It is less than five.

Clue #3: It is an even number.

What is the number?

Secret Number = _____

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



ACROSS

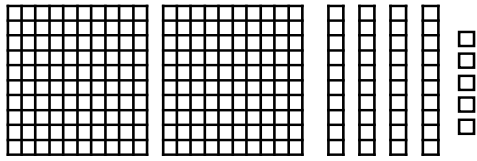
- 2** Does a hexagon have more, less, or the same number of sides as two triangles? (P. 111.)
- 6** 1 quarter + 2 dimes = how many pennies? (P. 109.)
- 7** Penny gave away 4 of her action figures, but she still has 4 left. How many did she have at first?
- 9** Bill had 7 bagels, he fed 5 of them to the ducks. How many does he have left?
- 10** An elephant has 35 peanuts. He eats 3 groups of 10. How many are left?
- 11** Lani measures the sink with dimes, and Milo uses quarters. Who uses more?
- 12** It's a half hour after 5:30. The time is ____ o'clock.

- 13** What tool is best to measure the weight of a rock: glasses, balance, compass?

DOWN

- 1** What does the 3 stand for in 439?
- 2** $29 + 31$
- 3** Is 251 more or less than 215?
- 4** Would it take hours, minutes, or seconds to eat a dish of ice cream?
- 5** Toni subtracts 99 from 202. She thinks it will be about 100. Is she right or wrong?
- 8** $7 + 5$
- 10** About how many soccer balls tall is a second grader: 5, 10, or 15?

1. Which number is shown by the place value blocks below?



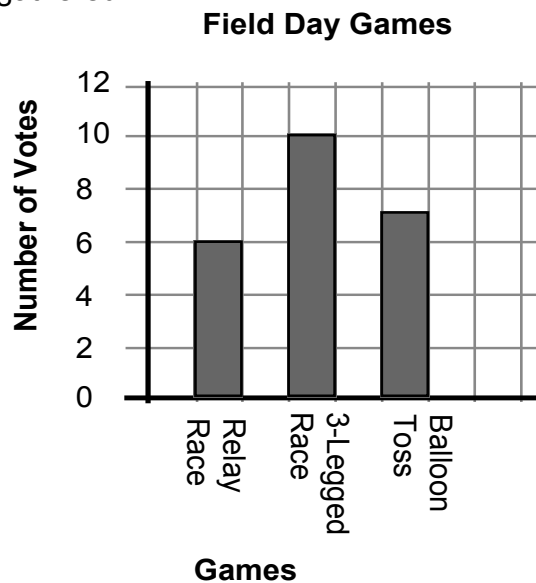
- ☐ **A** 245 ☐ **B** 542
☐ **C** 2045 ☐ **D** 5402

2. Put the numbers below in order from small to large.

124, 80, 142, 134

- ☐ **A** 124, 80, 142, 134
☐ **B** 80, 124, 134, 142
☐ **C** 142, 134, 124, 80
☐ **D** 80, 134, 142, 124

3. Angel's class is voting for the game they most want to play during field day. Angel created a bar graph from the information he gathered.



What is the most popular game? Explain your answer in the space below.

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

LESS THAN AN INCH
 TWENTY TWO
 EIGHT
 CATS
 SEVEN
 EIGHTYSIX
 TWENTY
 SIX HUNDRED
 PINT
 YELL
 FLOW
 RIGHT
 FIVE
 FORTY
 NINE
 TWO

SEVENTY

EIGHT

SAME

AFTER

ZERO

TWENTY

FIVE

TWENTY

NINE

LITER

ZERO

TWENTY

FIVE

ZERO

A crossword puzzle grid where all the words are related to numbers. The words are:

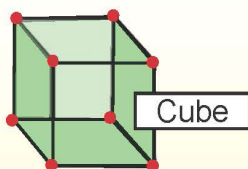
- Across:**
 - ONE
 - MINUTES
 - TWENTYEIGHT
 - SEVENTYONE
 - FOUR
 - PRODUCT
 - FAIRIES
 - NINE
 - FOURTEEN
- Down:**
 - I
 - X
 - JOHN
 - U
 - W
 - R
 - S
 - D
 - E
 - H
 - C
 - G
 - A
 - F
 - M
 - L
 - P
 - O
 - M
 - J
 - N
 - O
 - S
 - E
 - C
 - O
 - N
 - B
 - E
 - F
 - O
 - R
 - E
 - T

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

MATH Level 1

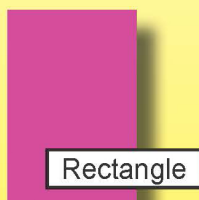
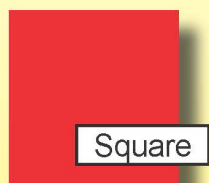
Students build skills and receive repetitive practice in national and state standards for academic success and higher scores on the state math tests.

Over 1,025 math skill and math literacy builders!



A **cube** has:

- six faces (green)
- eight vertices (red)
- twelve edges (black)



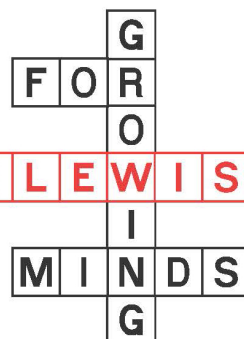
1. Three squares have how many sides total?
2. $9 \text{ sides} + 4 \text{ sides} - 3 \text{ sides} - 6 \text{ sides} =$ which geometric shape?
3. How many angles total in one octagon and three triangles?

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



PUZZLEWISE™



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