

Introduction page 4
 Tracking Sheet page 6
Numbers and Numeration..... page 7
 (By Warm-Up Number)
 Comparing Decimals..... 4, 48
 Comparing Fractions..... 4, 13, 48, 59, 61, 62
 Comparing Numbers... 4, 15, 22, 23, 24, 26, 32
 34, 35, 37, 43, 50, 55
 Comparing Percent..... 4, 43
 Decimals 56
 Division 45, 60
 Estimation..... 5, 46
 Exponents 21, 24, 26, 30, 39, 47, 52, 58
 Factors 16, 21
 Fractions 10, 19, 54, 56
 Inequalities 14
 Integers..... 36
 Irrational Numbers 2, 3, 5, 20, 33
 Multiplication 11, 17, 37, 41
 Multi-Step Problems 42
 Number Line 26, 52, 53, 54
 Ordering Numbers 56
 Order of Operations..... 3
 Percent 1, 7, 17, 19, 40, 42, 55, 57
 Prime or Composite..... 11
 Proportions 9, 12, 47, 58, 62
 Real Numbers 8, 24
 Rational Numbers..... 1, 2, 13, 17
 Ratios 44, 46, 49, 57
 Scientific Notation ... 8, 9, 10, 16, 33, 35, 36, 39
 Standard Notation..... 61
 Square Root 6, 22, 23, 25, 27, 28, 29
 31, 32, 41
 Time..... 49
 Unit Rate..... 50
 Answer Key pages 39–40
Operations..... page 41
 (By Warm-Up Number)
 Average 20
 Comparing Fractions..... 32, 52
 Comparing Numbers 41, 58

Common Multiple..... 56
 Decimals 49
 Division 7, 29
 Division of Fractions..... 50, 54
 Estimation..... 5, 6, 39, 42
 Exponents 57
 Expressions 10, 17, 27, 28, 31, 44, 45, 46
 51, 62
 Equations..... 5, 12, 17, 43, 46, 48, 59
 Fractions 8, 25, 49
 Inequalities 30, 31, 35
 Integers..... 61
 Math Vocabulary..... 14
 Multiplication ... 3, 5, 10, 11, 22, 26, 47, 49, 58
 Multi-Step Problems 7, 8, 9
 Number Sentences 18, 20, 28
 Order of Operations..... 15, 43, 51
 Percent 2, 4, 6, 10, 16, 19, 21, 35, 42, 47
 49, 50, 53, 57, 60, 61
 Prime Factorization 26
 Proportions..... 4, 11, 14, 27, 32, 36, 55
 Rate 16, 21
 Ratios 13, 19, 54
 Reasonableness 25, 36, 37, 38, 40
 Simplified 23
 Standard Notation..... 56
 Subtraction..... 22
 Subtracting Fractions 23, 48, 54, 55
 Square Numbers 2
 Time..... 18, 39
 Answer Key pages 73–74
Measurement and Geometry page 75
 (By Warm-Up Number)
 Angles..... 5, 10, 11, 14, 24, 27, 30, 33, 37, 40
 Area 3, 9, 26, 29, 45, 46, 47, 48, 51, 52
 54, 55, 56, 61
 Celsius/Fahrenheit 13, 57
 Circumference 16, 50, 54
 Coordinate Grid..... 2, 38, 59
 Coordinate Plane 1
 Complementary Angles..... 36, 60

Estimation..... 22, 23, 26, 27, 41
 Hypotenuse..... 3, 15, 20, 25, 34, 44
 Line Segments 4
 Liquid Measurement Conversions 31
 Math Vocabulary.....6, 7, 19, 21, 55
 Measurement Conversions..... 32
 Nets 1, 62
 Ordered Pairs..... 17
 Parallel/Perpendicular Lines 5
 Parts of Shapes 2, 20, 21, 22, 23
 Perimeter..... 28, 35
 Proportions 28, 29
 Scaling 18
 Pythagorean Theorem..... 38, 57
 Scaling 48
 Similar Figures 11, 18, 25, 39, 47, 51, 60
 Supplementary Angles 15, 45, 49
 Surface Area 6, 12, 31, 34, 36, 58
 Radius..... 8
 Rate 16
 Reflection/Rotation 33
 Rulers 41
 Time..... 40
 Triangle Properties..... 32, 37, 39, 43, 49, 59
 Units of Measurement 4, 19, 30, 32, 50, 53
 Volume..... 8, 10, 12, 14, 23, 27, 35, 41, 42
 43, 52, 55
 Answer Key pages 107–108

Data Analysis and Probability page 109
 (By Warm-Up Number)

Box-and-Whisker 17, 23, 36, 38, 42, 52
 Calculating Probability ... 12, 17, 23, 36, 38, 43
 52, 15, 16, 18, 19, 20, 24, 25, 26, 31, 32, 58
 Combinations 7, 9, 19, 2, 27, 38, 45
 Completing Bar Graphs..... 56
 Fractions 28, 29, 30, 31, 33, 38
 Line Plots 36, 43
 Interpreting Data 4, 9, 11, 12, 28, 34, 37, 39
 47, 48, 49, 50, 51, 53, 54, 57, 58, 59
 Interpreting Spinners..... 21, 34, 45, 53
 Math Vocabulary.....4, 5, 13, 39

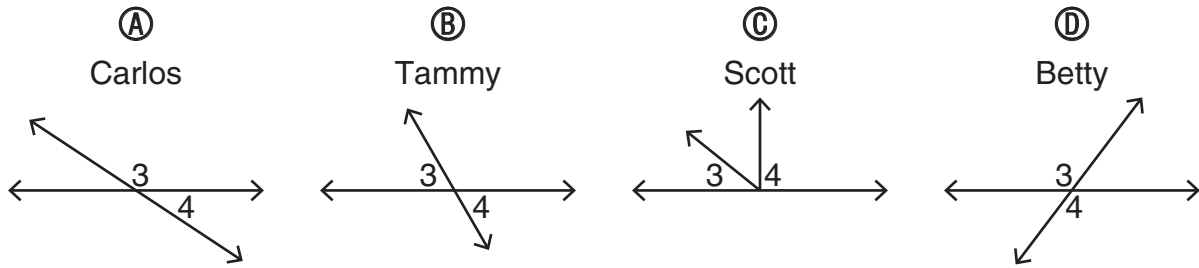
Mean/Average 2, 5, 6, 7, 10, 13, 16, 52, 54
 57, 61
 Median/Mode/Range.....3, 5, 6, 7, 8, 11, 15
 20, 22, 29, 35, 42, 44, 46, 55
 Percent to Fractions ... 31, 32, 40, 50, 51, 60, 62
 Predicting Outcomes 41, 42, 45
 Presenting Graphs..... 8
 Probability with Spinners 53, 61
 Ratios 14, 17, 23, 35, 55
 Reading Graphs 4, 10
 Reading Tables..... 52, 54, 55, 57, 59, 62
 Stem-and-leaf 17, 21, 24, 25, 27
 Answer Key pages 141–142

Algebra, Patterns, and Functions..... page 143
 (By Warm-Up Number)

Algebra..... 2, 29, 30, 32, 33, 34, 38, 42, 47
 48, 52
 Equations.....5, 6, 14, 18, 23, 41, 49, 50, 56
 Expressions 8, 9, 11, 13, 31, 51, 58, 62
 Fractions 24
 Functions..... 16, 19, 20, 24, 25, 26, 27, 49, 53
 Graphing Equations..... 18, 35, 39
 Identifying Rules..... 7, 10, 12, 20, 28
 Inequality 22, 39, 46, 57, 60, 61, 62
 Interpreting Tables..... 5, 10, 11, 28, 30, 31
 32, 48, 51, 57
 Linear Equations 1, 14, 19, 25, 54, 55
 Monomials 23
 Number Patterns 3, 7, 16, 56
 Number Patterns with Equations.. 28, 35, 36, 37
 Nonlinear Equations 19, 20, 26, 40, 45, 46
 59, 60
 Percent 13
 Polynomials..... 61
 Proportions..... 41
 Rate 12, 21, 53
 Ratios 2, 7, 11, 27, 34
 Slope 24, 37, 45, 58
 Solving Equations..... 15, 17, 43, 44
 System of Equations 15
 Answer Key pages 175–176

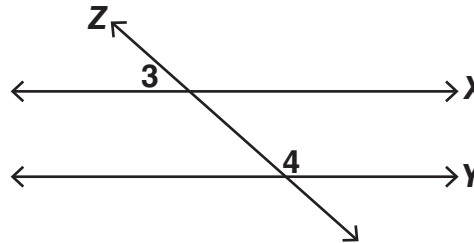
Name _____

1. Four students were asked to create a diagram showing how two angles are supplementary. Which student did this correctly?



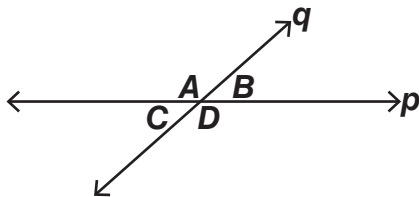
2. Look at the diagram shown below. If line X and line Y are parallel, and line Z is a transversal, what is the relationship between angle 3 and angle 4?

- (A) complementary
- (B) identical
- (C) supplementary
- (D) no relationship



Name _____

1. A teacher created the drawing below. She asked four students, if lines p and q intersect, which two pairs are congruent angles? The table shows the student response. Which student answered the question correctly?

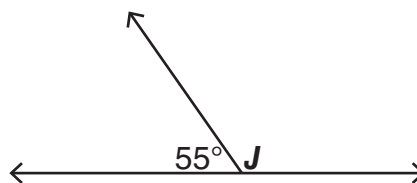


Student	Answer
Rory	$\angle C$ and $\angle B$ plus $\angle A$ and $\angle D$
Tana	$\angle A$ and $\angle C$ plus $\angle B$ and $\angle D$
Sami	$\angle A$ and $\angle C$ plus $\angle D$ and $\angle C$
Gia	$\angle B$ and $\angle A$ plus $\angle A$ and $\angle D$

- (A) Gia
- (B) Tana
- (C) Sami
- (D) Rory

2. Look at the drawing shown below. What is the measure of $\angle J$ in the drawing?

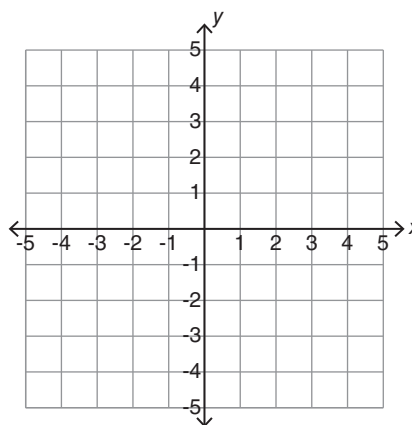
- (A) 155°
- (B) 125°
- (C) 90°
- (D) 45°



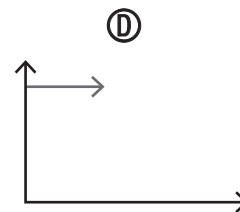
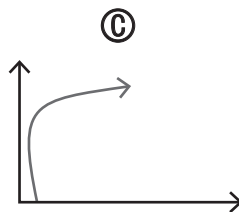
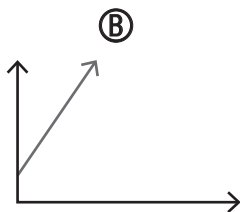
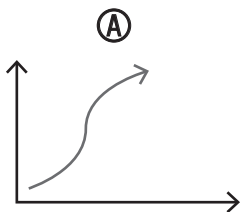
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1. Look at the table and graph. Graph a line that contains all the points shown on the table.

x	y
-4	-2
0	0
2	1



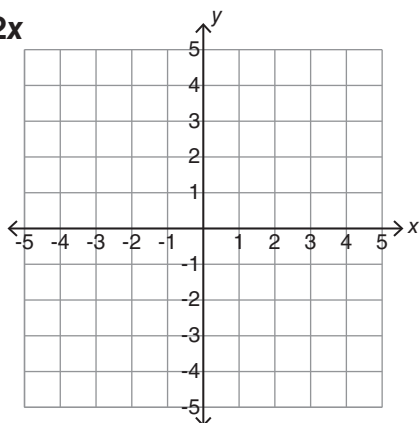
2. Look at the functions shown below. Which of the functions are linear? (Circle all that apply.)



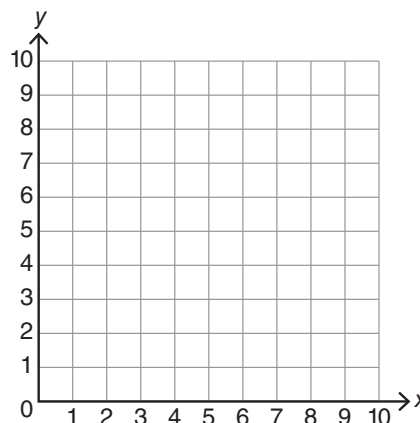
Name _____

1. Look at the functions shown below. Correctly graph each function on the appropriate graph.

A. $y = 2x$



B. $y = x + 1$



2. Look at the list of functions shown below. Which answer choices show functions that are nonlinear? (Hint: There may be more than one answer.)

Ⓐ $d = 8y^2 + 3$

Ⓒ $d = 12y - 8$

Ⓑ $d = y^2 + 3$

Ⓓ $d = 7y^2 - 4$