

5th Grade Puzzle Packet #2

NAME Key
 Points _____ (Teacher fills out)

Logic Puzzles - 3 Points Each

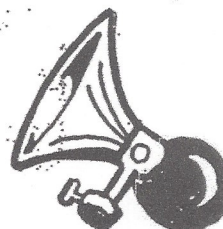
1. TEST-CARS' MPG'S

The miles-per-gallon ratings on a single model of a car may vary for many reasons. A new model line of popular car called the Zirix, during tests, produced mpg's of 32, 31, 30, 29, and 28. Each car was a different one of these five colors: blue, green, red, white, and yellow. Each car was driven by a different one of these five drivers: Cox, Durham, Gosling, Heynek, and Wollinsky. From the information given, determine the color and driver of each car, as well as the mpg attained by each one.



1. The driver named Durham got more mpg's than the green car but not as many as the red car.
2. The blue car got higher mpg's than the car driven by Wollinsky.
3. Cox did not drive the green car or the red car.
4. The yellow car got more mpg's than the car driven by Gosling but not as many as the green car.

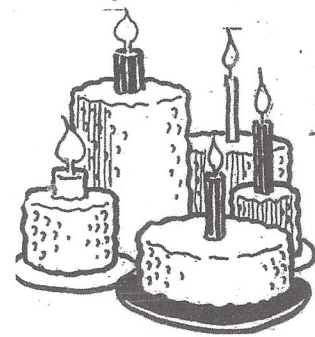
	BLUE	GREEN	RED	WHITE	YELLOW	COX	DURHAM	GOSLING	HEYNEK	WOLLINSKY
32 MPG	X	X	✓	X	X	X	X	X	X	✓
31 MPG	✓	X	X	X	X	X	X	X	X	X
30 MPG	X	✓	X	X	X	X	X	X	X	X
29 MPG	X	X	X	X	✓	✓	X	X	X	X
28 MPG	X	X	X	X	✓	X	X	X	X	X
COX	X	X	X	X	✓					
DURHAM	✓	X	X	X	X					
GOSLING	X	X	X	✓	X					
HEYNEK	X	X	✓	X	X					
WOLLINSKY	X	✓	X	X	X					



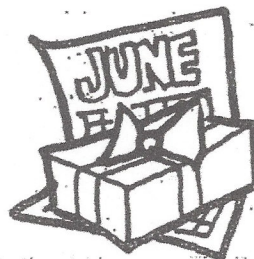
2. All of Ms. Johnson's children were born in June. Their birthdays are June 1, June 7, June 12, June 20, and June 29. There are three girls named Mary, Elvira, and Joan, and there are two boys named Douglas and Timothy. Ms. Johnson bought these five presents for them: a book, a coat, concert tickets, a dress, and an electronic game. From the information given, determine the birthday and present received by each child.

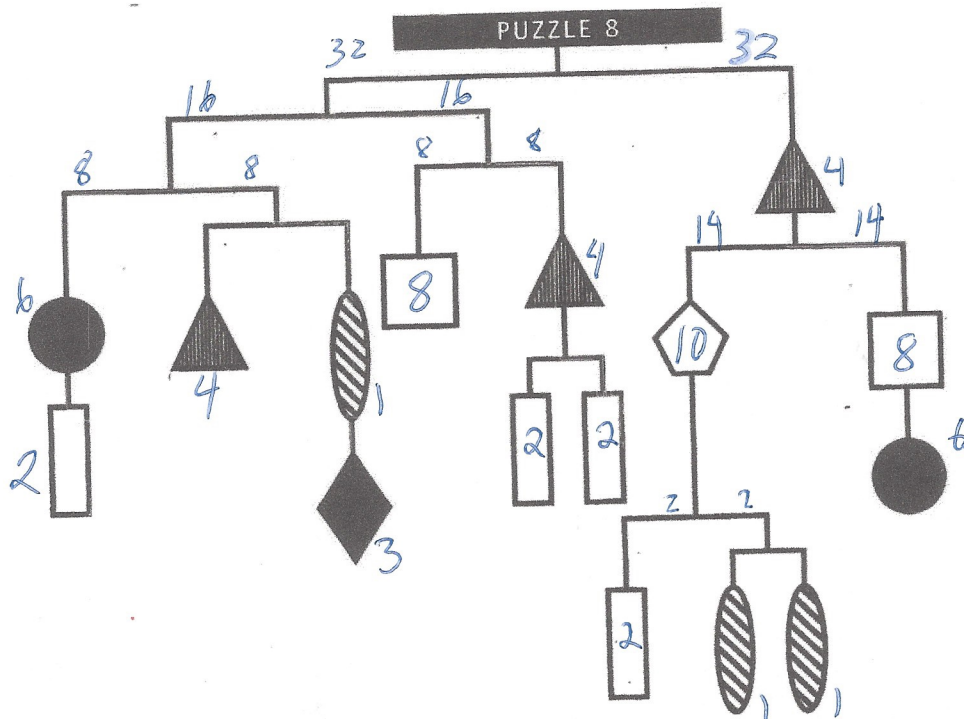
Clues:

1. Timothy's birthday comes before that of the girl who received a dress but after the girl who received a coat.
2. Douglas's birthday comes before Elvira's birthday but after the birthday of the girl who received an electronic game.
3. Elvira did not receive the dress and neither did Joan.



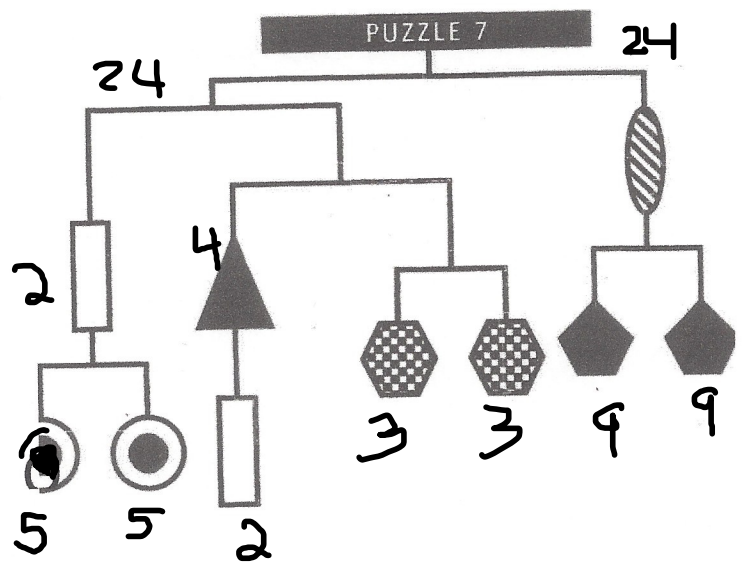
	DOUGLAS	ELVIRA	JOAN	MARY	TIMOTHY	BOOK	COAT	CONCERT TIX	DRESS	ELEC. GAME
JUNE 1			✓							✓
JUNE 7	✓							✓		
JUNE 12		✓						✓		
JUNE 20					✓	✓				
JUNE 29				✓					✓	
BOOK					✓					
COAT		✓								
CONCERT TIX	✓									
DRESS				✓						
ELEC. GAME			✓							





Discover the value of each of the shapes.
The total weight is 64. Clue:

2 pts
each



Answers vary

Make 24

Use +, -, x, ÷, ()

Use each # once.

2 pts total

