

Table of Contents

Introduction	3
Brain Teaser 1: What's My House Number? (<i>using logic</i>)	4
Brain Teaser 2: Favorite Meals (<i>using logic</i>)	5
Brain Teaser 3: Crossword Puzzle (<i>solving equations</i>)	6
Brain Teaser 4: Name That Number! (<i>solving number trivia</i>)	7
Brain Teaser 5: Alphabet Codes (<i>solving equations</i>)	8
Brain Teaser 6: Find the Primes! (<i>identifying prime numbers</i>)	9
Brain Teaser 7: What Comes Next? (<i>identifying number patterns</i>)	10
Brain Teaser 8: What's the Rule? (<i>identifying number patterns</i>)	11
Brain Teaser 9: Stamp Collecting (<i>working with money</i>)	12
Brain Teaser 10: Wheels-R-Us (<i>adding money</i>)	13
Brain Teaser 11: Money Riddles (<i>working with money</i>)	14
Brain Teaser 12: More Money Riddles (<i>working with money</i>)	15
Brain Teaser 13: The Change Machine (<i>working with money</i>)	16
Brain Teaser 14: Change It Again! (<i>working with money</i>)	17
Brain Teaser 15: Deals! Deals! (<i>working with money</i>)	19
Brain Teaser 16: Circles of Challenge Set A (<i>adding two and three digits</i>)	20
Brain Teaser 17: Circles of Challenge Set B (<i>subtracting one and two digits</i>)	21
Brain Teaser 18: Circles of Challenge Set C (<i>subtracting one, two, and three digits</i>)	22
Brain Teaser 19: Circles of Challenge Set D (<i>multiplying one and two digits</i>)	23
Brain Teaser 20: Circles of Challenge Set E (<i>multiplying one and two digits</i>)	24
Brain Teaser 21: Circles of Challenge Set F (<i>dividing by one and two digits</i>)	25
Brain Teaser 22: What's Missing? (<i>solving equations</i>)	26
Brain Teaser 23: More Missing Numbers (<i>solving equations</i>)	27
Brain Teaser 24: Math Matters (<i>using operations</i>)	28
Brain Teaser 25: More Math Matters (<i>using operations</i>)	29
Brain Teaser 26: Mystery A (<i>using logic</i>)	30
Brain Teaser 27: Mystery B (<i>using logic</i>)	31
Brain Teaser 28: Mystery C (<i>using logic</i>)	32
Brain Teaser 29: Mystery D (<i>using logic</i>)	33
Brain Teaser 30: Mystery E (<i>using logic</i>)	34
Brain Teaser 31: Roman Numeral Fun (<i>writing Roman numerals</i>)	35
Brain Teaser 32: The Roman Way (<i>recognizing and writing Roman numerals</i>)	36
Brain Teaser 33: Roman Rule (<i>recognizing number patterns</i>)	37
Brain Teaser 34: Name That Movie! (<i>adding four digits</i>)	38
Brain Teaser 35: Name That Cartoon! (<i>adding four digits</i>)	39
Brain Teaser 36: Community Garden (<i>finding the perimeter and area</i>)	40
Brain Teaser 37: The Right Amount of Space (<i>finding the area</i>)	41
Brain Teaser 38: Paint by Numbers (<i>finding the sums of areas</i>)	42
Brain Teaser 39: Dandy Division Squares (<i>working with division</i>)	43
Brain Teaser 40: More Dandy Division Squares (<i>working with division</i>)	44
Brain Teaser 41: Magical Multiplication (<i>working with multiplication</i>)	45
Brain Teaser 42: More Magical Multiplication (<i>working with multiplication</i>)	46
Answer Key	47

Brain Teaser 2






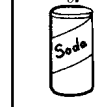












Favorite Meals

Read each clue. Use the chart below. If the answer is “yes,” make an “O” in the box. If the answer is “no,” make an “X” in the box. Then answer the statements below the chart.

Clues

- Tina likes to drink water when she has tacos for lunch.
- Jay never eats hot dogs but he does like shakes.
- Marie always has a soda when she eats pizza.

								
	Hamburger	Pizza	Hot dog	Taco	Shake	Soda	Water	Milk
Shep 								
Jay 								
Tina 								
Marie 								

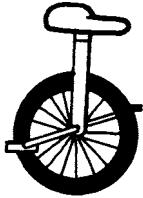
-  Shep eats _____ and drinks _____ .
-  Jay eats _____ and drinks _____ .
-  Tina eats _____ and drinks _____ .
-  Marie eats _____ and drinks _____ .

Brain Teaser 10

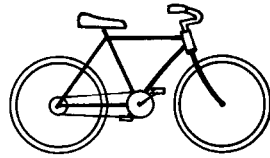


Wheels-R-Us

Use the chart to answer the questions.



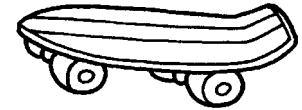
Unicycle
\$2.53



Bicycle
\$4.12



Tricycle
\$6.38



Skateboard
\$1.03



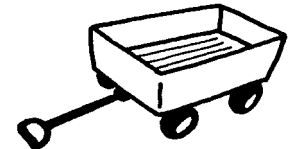
Scooter
\$4.51



Roller Blades
\$7.17



Roller Skates
\$5.15



Wagon
\$6.27

<p>1. Jennifer bought a unicycle and a pair of roller blades. She was given \$9.65 in change. How much money did Jennifer have?</p> <p>Jennifer had _____ .</p>	<p>2. Roger bought a scooter and a bicycle. He was given \$9.89 in change. How much money did Roger have?</p> <p>Roger had _____ .</p>
<p>3. Simon bought a tricycle and a scooter. He was given \$4.84 in change. How much money did Simon have?</p> <p>Simon had _____ .</p>	<p>4. Irene bought a skateboard and a wagon. She was given \$8.46 in change. How much money did Irene have?</p> <p>Irene had _____ .</p>
<p>5. Susan bought a wagon, a unicycle, and a scooter. She was given \$0.38 in change. How much money did she have?</p> <p>Susan had _____ .</p>	<p>6. Amit bought a pair of roller blades, a tricycle, and a skateboard. He was given \$0.36 in change. How much money did he have?</p> <p>Amit had _____ .</p>