

# Table of Contents

Introduction	3
Brain Teaser 1: Sharply Dressed Dog ( <i>odd and even numbers to 100</i> )	4
Brain Teaser 2: Fifty-Fifty ( <i>identifying numbers greater and less than 50</i> )	5
Brain Teaser 3: Flowering Factors ( <i>finding the factors</i> )	6
Brain Teaser 4: On the Road with Factors ( <i>finding the factors</i> )	7
Brain Teaser 5: Number Trivia Set A ( <i>solving equations</i> )	8
Brain Teaser 6: Number Trivia Set B ( <i>solving equations</i> )	9
Brain Teaser 7: Number Trivia Set C ( <i>solving equations</i> )	10
Brain Teaser 8: Number Trivia Set D ( <i>solving equations</i> )	11
Brain Teaser 9: Block Out 12 ( <i>finding the factors</i> )	12
Brain Teaser 10: Block Out 18 ( <i>finding the factors</i> )	13
Brain Teaser 11: Block Out 24 ( <i>finding the factors</i> )	14
Brain Teaser 12: Block Out 30 ( <i>finding the factors</i> )	15
Brain Teaser 13: Jar of Jelly Beans ( <i>using logic</i> )	16
Brain Teaser 14: Perfect Puzzles #1 and #2 ( <i>working with numbers</i> )	17
Brain Teaser 15: Perfect Puzzles #3 and #4 ( <i>working with numbers</i> )	18
Brain Teaser 16: Perfect Puzzle #5 ( <i>working with numbers</i> )	19
Brain Teaser 17: Perfect Puzzle #6 ( <i>working with numbers</i> )	20
Brain Teaser 18: Perfect Puzzle #7 ( <i>working with numbers</i> )	21
Brain Teaser 19: Piggy Banks ( <i>using logic</i> )	22
Brain Teaser 20: Roller Blades ( <i>using logic</i> )	23
Brain Teaser 21: Lucky Numbers ( <i>using logic</i> )	24
Brain Teaser 22: Mystery Circles Set A ( <i>adding single digits</i> )	25
Brain Teaser 23: Mystery Circles Set B ( <i>adding single digits</i> )	26
Brain Teaser 24: Mystery Circles Set C ( <i>adding single and double digits</i> )	27
Brain Teaser 25: Mystery Circles Set D ( <i>multiplying single digits</i> )	28
Brain Teaser 26: Mystery Circles Set E ( <i>multiplying single digits</i> )	29
Brain Teaser 27: Mystery Circles Set F ( <i>using division</i> )	30
Brain Teaser 28: Bean Bag Toss #1 ( <i>adding single digits</i> )	31
Brain Teaser 29: Bean Bag Toss #2 ( <i>subtracting double digits</i> )	32
Brain Teaser 30: Bean Bag Toss #3 ( <i>using operations</i> )	33
Brain Teaser 31: Bean Bag Toss #4 ( <i>using operations</i> )	34
Brain Teaser 32: Square-O-Rama 30 ( <i>adding single and double digits</i> )	35
Brain Teaser 33: Square-O-Rama 48 ( <i>adding double digits</i> )	36
Brain Teaser 34: Square-O-Rama 96 ( <i>adding double digits</i> )	37
Brain Teaser 35: Square-O-Rama 120 ( <i>adding double digits</i> )	38
Brain Teaser 36: Dangerous Dominoes #1 ( <i>using logic</i> )	39
Brain Teaser 37: Dangerous Dominoes #2 ( <i>using logic</i> )	40
Brain Teaser 38: Dangerous Dominoes #3 ( <i>using logic</i> )	41
Brain Teaser 39: Dangerous Dominoes #4 ( <i>using logic</i> )	42
Brain Teaser 40: Math Challenge #1 ( <i>creating equations</i> )	43
Brain Teaser 41: Math Challenge #2 ( <i>creating equations</i> )	44
Brain Teaser 42: What Comes Next? ( <i>recognizing number patterns</i> )	45
Brain Teaser 43: Solve It! ( <i>adding single digits</i> )	46
Answer Key	47

# Brain Teaser 13

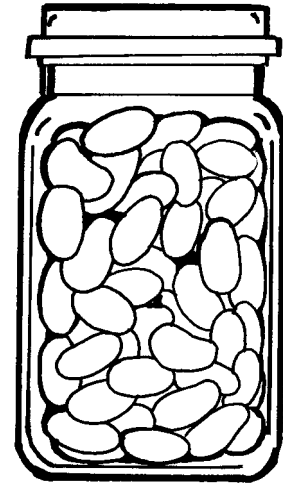


## Jar of Jelly Beans

Read the clues to figure out how many of each color of jelly beans there are in the jar. Then answer the questions below.

### Clues

- There are 20 red jelly beans in the jar.
- There are 10 fewer white jelly beans than yellow jelly beans.
- There are half as many orange jelly beans as red jelly beans.
- There are 5 more pink jelly beans than red jelly beans.
- There are 10 more black jelly beans than green jelly beans.
- There are twice as many yellow jelly beans as red jelly beans.
- There are 5 fewer green jelly beans as red jelly beans.



Orange jelly beans: \_\_\_\_\_

Yellow jelly beans: \_\_\_\_\_

Green jelly beans: \_\_\_\_\_

Pink jelly beans: \_\_\_\_\_

Black jelly beans: \_\_\_\_\_

White jelly beans: \_\_\_\_\_

1. Which two colors of jelly beans have the same amount in the jar?

\_\_\_\_\_ and \_\_\_\_\_

2. What is the total number of jelly beans in the jar? \_\_\_\_\_

3. Are there more red and yellow jelly beans or black and white jelly beans?

\_\_\_\_\_

# Brain Teaser 18

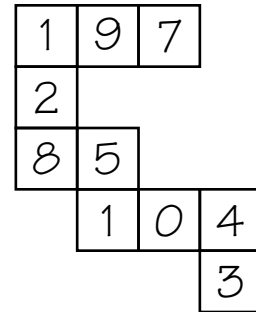


## Perfect Puzzle #7

Place each number in the crossword puzzle—one digit in each box. Each number can only be used one time.

### Example Puzzle

43	104
51	128
85	197



2,575	7,518	42,913
3,346	8,547	68,691
4,351	28,861	76,931
6,239	36,501	91,010