

What Did Gyro Exclaim When Dr. Freud Said: "You Have a Split Personality"?

Solve the problem, then cross out the letter pair next to your solution. For each letter pair that you DON'T cross out, write the uppercase letter in the box containing the lowercase letter.

- ① Jack is thinking of a number. One half of the number added to two fifths of the number is 27. What is Jack's number?
- ② Jill is thinking of a number. Three fourths of the number plus one third of the number is 52. Find Jill's number.
- ③ Two thirds of a number is $3\frac{1}{2}$ more than three eighths of the number. Find the number.
- ④ One half of a certain even integer plus one ninth of the next consecutive even integer equals 21. Find the first integer.
- ⑤ Mr. Enigma said: "One fourth of my age 3 years ago is the same as one fifth of my age in 8 years." How old is Mr. Enigma now?
- ⑥ Ms. Enigma said: "One third of my age plus four fifths of my age is the same as my age in 6 years." How old is Ms. Enigma now?
- ⑦ A science test has two parts. Part B has 4 more questions than Part A. Rimshot missed one fifth of the questions in Part A and one eighth of the questions in Part B. If he missed 7 questions altogether, how many questions were on the test?
- ⑧ Omega did a survey to see what kind of music the students like best. One sixth of the students chose pop, three tenths chose rap, and two fifths chose rock. If the combined total of these three groups was 78 students, how many students did Omega survey altogether?

Answers 1-4

- h • D 40
- b • H 12
- c • O 36
- k • R 30
- a • T 34
- f • E 24
- i • U 48
- j • N 38

Answers 5-8

- b • N 39
- i • A 47
- e • G 90
- l • E 45
- a • W 60
- k • T 52
- i • O 120
- g • T 44



a	b	c	d	e	f	g	h	i	j	k	l
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