## Why Did the Teacher Jump in the Pool?

**Directions:** Find each probability. After completing each set, find matching answers between Column 1 and Column 2. One will have a letter and the other a number. Write the letter in the matching numbered box at the bottom of the page.

The spinner below is spun once.  The spinner below is spin once.  The spinner below is spin once.  The spinner below is spin once.  The spin once is spin once i	COLUMN 2		COLUMN I	12.72	
T P(prime) 2 P(shaded and at most 4)	9 P(unshaded)	9	P(even)	"	33 (1990)
1 P(prime) 2 P(shaded and at most 4)	7 P(10 or a multiple of 3)	7	P(at least 7)	3 E	- 14 15 16 1 2 3
	2 P(shaded and at most 4)	2	P(prime)	(4) 5)	12 5
O $P(\text{multiple of 5 and odd})$ 12 $P(\text{less than 9})$	12 P(less than 9)	12	P(multiple of 5 and odd)	0	
The set of cards below has 3 background styles (solid, stripes, and checkered) and P(stripes)  6 P(a triangle)	6 P(a triangle)	6	P(stripes)	es (solid, W	3 background styles (solid,
3 shapes (stars, squares, and triangles). One card is chosen at random. $P(a star)$ $P(a star)$ $P(a star)$	10 P(solid and a star)	10	P(a star)	uares, e card is <b>7</b>	3 shapes (stars, squares, and triangles). One card is
R P(solid or checkered) 1 P(a square or a triangle)	1 P(a square or a triangle)	1	P(solid or checkered)	R	
T $P(\text{checkered and a square})$ 4 $P(\text{stripes and a star})$	re) 4 P(stripes and a star)	4	P(checkered and a square)	T	
E $P(\text{solid and a triangle})$ 14 $P(\text{checkered or a star})$	14 P(checkered or a star)	14	P(solid and a triangle)	E	
There are 2 blue, 6 yellow, 10 red, \$ P(red) 11 P(orange)	11 P(orange)	11	P(red)	ed,	6 yellow, 10 red,
3 green, 5 orange, and 4 purple marbles in a jar. One marble is chosen  E P(red, yellow, or purple) 3 P(yellow)	3 P(yellow)	3	P(red, yellow, or purple)	n a jar. nosen <b>E</b>	4 purple marbles in a jar. One marble is chosen
at random.  A P(green or blue)  13 P(not red)	13 P(not red)	13	P(green or blue)		
H P(orange, purple, or yellow) 5 P(purple or yellow)	w) 5 P(purple or yellow)	5	P(orange, purple, or yellow)	) H	
T P(blue or purple) 8 P(blue, red, or green)	8 P(blue, red, or green)	8	P(blue or purple)	<b>)</b> T	

## **ANSWER:**

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