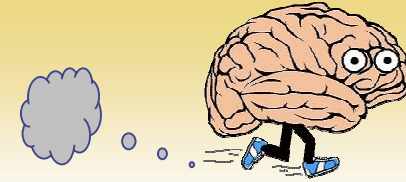
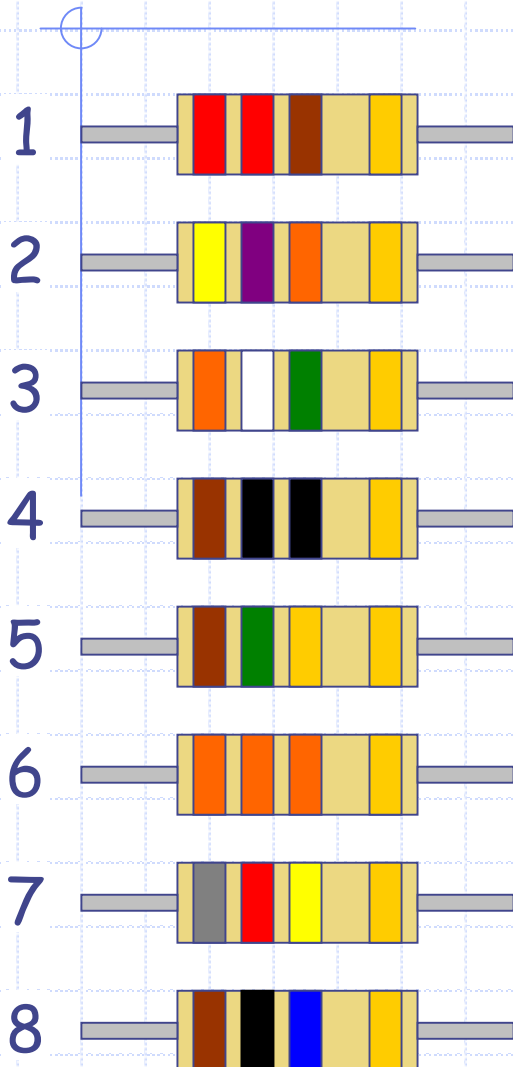


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WHAT IS THE VALUE OF THE FOLLOWING RESISTORS?

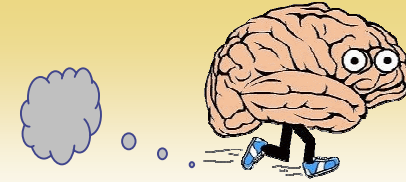


RESISTOR COLOUR CODE

Green = 5
 Blue = 6
 Red = x 100
 Value = 5600 ohms

	1st Band	2nd Band	3rd Band Multiplier	4th Band Tolerance
BLACK	0	0	x 1	
BROWN	1	1	x 10	± 1%
RED	2	2	x 100	± 2%
ORANGE	3	3	x 1,000	
YELLOW	4	4	x 10,000	
GREEN	5	5	x 100,000	
BLUE	6	6	x 1,000,000	
VIOLET	7	7		
GREY	8	8		
WHITE	9	9		
SILVER			x 0.01	± 10%
GOLD			x 0.1	± 5%

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ANSWERS:

1		red, red, brown = $2 \times 2 \times 10 = 220$
2		yellow, violet, orange = $4 \times 7 \times 1000 = 47000 = 47K$
3		orange, white, green = $3 \times 9 \times 100,000 = 3,900,000 = 3.9M$
4		brown, black, black = $1 \times 0 \times 1 = 10$
5		brown, green, gold = $1 \times 5 \times 0.1 = 1.5$
6		orange, orange, orange = $3 \times 3 \times 1,000 = 33,000 = 33K$
7		grey, red, yellow = $8 \times 2 \times 10,000 = 820,000 = 820K$
8		brown, black, blue = $1 \times 0 \times 1,000,000 = 10,000,000 = 10M$