



Puzzle Time

What Happens When You Throw A Clock In The Air?

Write the letter of each answer in the box containing the exercise number.

Find the number of possible outcomes in the sample space.

1. You roll a six-sided die and flip two coins.
2. You draw two marbles without replacement from a bag containing four red marbles, two yellow marbles, and five blue marbles.
3. You flip six coins.
4. A bag contains eight black cards numbered 1 through 8 and six red cards numbered 1 through 6. You choose a card at random.

Find the probability.

5. You draw a number card from a standard deck of 52 playing cards.
6. When two six-sided dice are rolled, there are 36 possible outcomes. Find the probability that the sum is less than 5.
7. In a classroom of 20 students, 12 students have brown hair, 4 students have blonde hair, 3 students have red hair, and one student has black hair. Find the probability of randomly selecting a blonde haired student from the classroom.

Answers

P. $\frac{1}{5}$

T. 24

E. 14

S. $\frac{9}{13}$

I. 110

M. 64

U. $\frac{1}{6}$

1	2	3	4	5		6	7
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8.2 Puzzle Time

How Is A Basketball Player Like A Baby?

Write the letter of each answer in the box containing the exercise number.

Complete the two-way table.

	Response		Total
	Yes	No	
Male	15	1.	2.
Female	3.	4.	37
Total	5.	42	84

	Choice		Total
	AWD	4WD	
SUV	6.	10	7.
Van	5	8.	12
Total	16	9.	10.

	Highest Level of Education		Total
	High School	College	
Male	58	11.	113
Female	12.	94	13.
Total	14.	15.	362

- Answers**
- B. 42
 - B. 249
 - Y. 10
 - L. 213
 - O. 11
 - T. 32
 - T. 21
 - I. 55
 - E. 149
 - H. 7
 - D. 17
 - H. 47
 - R. 33
 - E. 27
 - B. 155

1	2	3	4		5	6	7	8		9	10	11	12	13	14	15
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