

**Directions: Find each probability.**

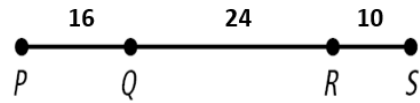
- 1)  $P(\text{rolling a 5 on a die})$
- 2)  $P(\text{heads or tails on a coin})$ .
- 3) Find the probability of getting a blue sock out of a dryer that holds 10 blue socks, 5 red socks, and 3 white socks.
- 4)  $P(\text{prime number on a die})$
- 5) Find the probability of picking a heart or 5 from a deck of cards.
- 6)  $P(\text{face card from a deck of cards})$
- 7) What is the complement of rolling a 5 on a die?
- 8) What is  $P(5 \text{ on a die})'$ ?
- 9)  $P(\text{heart or diamond from a deck of cards})$
- 10)  $P(\text{card between 4 and 8 or an even number card})$

**Directions: Complete the sum chart and use it to find each probability.**

	1	2	3	4	5	6
1						
2						
3						
4						
5						
6						

- 11) What is the probability of getting an even sum or a five?
- 12) Find  $P(\text{sum of 6 or a multiple of 2})$
- 13) Find  $P(\text{even or odd sum})$
- 14) Find  $P(\text{sum greater 10 or an even sum})'$
- 15) What is  $P(\text{even sum or a multiple of 4})$
- 16) What is  $P(\text{even sum or a multiple of 3})$

Directions: Find each probability using the given figure.



17)  $P(\text{point is on } \overline{RS})$

18)  $P(\text{point is not on } \overline{PR})$

19)  $P(\text{point is on } \overline{RS} \text{ or } \overline{PQ})$

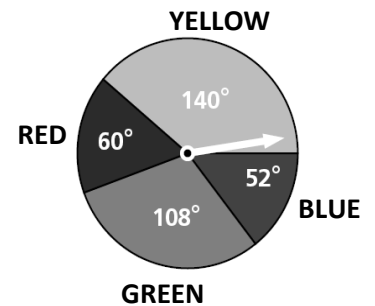
20)  $P(\text{point is on } \overline{RS})'$

Directions: Find each probability using the given figure.

21)  $P(\text{pointer landing on red or green})$

22)  $P(\text{pointer landing on an obtuse central angle})$

23)  $P(\text{pointer not landing on red})$



Directions: A dart is thrown at the following figure. Find each probability using the given figure.

24)  $P(\text{point lands in the circle})$

25)  $P(\text{point lands in a square})$

26)  $P(\text{point lands in a trapezoid or circle})$

27)  $P(\text{point lands in a trapezoid})$

28)  $P(\text{does not land in a square, trapezoid, or circle})$

