## Use each diagram to solve the problems.



1) How many shapes are there total in the array?
2) If you were to select 1 shape at random from the array, what is the probability it will be a diamond?
3) Which shape has a $45.00 \%$ chance ( 9 out of 20 ) of being selected?
4) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
5) If you spun the spinner 1 time, what is the probability it would land on a black piece?
6) How many pieces are there total in the spinner?
7) If you spun the spinner 1 time, what is the probability it would land on a gray piece?

8) If you spun the spinner 1 time, what is the probability it would land on a white piece?
9) If you spun the spinner 1 time, what is the probability of landing on either a gray piece or a white piece?
10) If you were to roll the dice one time what is the probability it will land on a 5 ?
11) If you were to roll the dice one time what is the probability it will NOT land on a 1 ?
12) If you were to roll the dice one time, what is the probability of it landing on an odd number?
1. $\qquad$
2. $\qquad$
3. $\qquad$
4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$
11. $\qquad$
12. $\qquad$

## Use each diagram to solve the problems.



1) How many shapes are there total in the array?
2) If you were to select 1 shape at random from the array, what is the probability it will be a diamond?
3) Which shape has a $45.00 \%$ chance ( 9 out of 20) of being selected?
4) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
5) If you spun the spinner 1 time, what is the probability it would land on a black piece?
6) How many pieces are there total in the spinner?
7) If you spun the spinner 1 time, what is the probability it would land on a gray piece?

8) If you spun the spinner 1 time, what is the probability it would land on a white piece?
9) If you spun the spinner 1 time, what is the probability of landing on either a gray piece or a white piece?
10) If you were to roll the dice one time what is the probability it will land on a 5 ?
11) If you were to roll the dice one time what is the probability it will NOT land on a 1 ?
12) If you were to roll the dice one time, what is the probability of it landing on an odd number?

Answers

1. $\qquad$
2. $\qquad$
out of 20
3. $\qquad$
4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
8. $\qquad$
9. $\mathbf{5}$ out of $\mathbf{8}$
10. $\qquad$
1 out of 6
11. $\qquad$
12. $\qquad$
