Lesson

Extra Practice

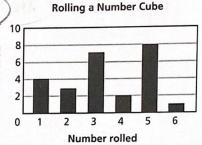
4+3+7+2+8,+1=25

Use the bar graph to find the experimental probably of the event.

- 1. rolling a number greater than 4 8+1 = 2
- 2. rolling a 1 or a 4 4+ 2= 6 25 24%. PS

 3. not rolling a 5 4+3+7+2+1=17=68%
- 4. Your friend uses the bar graph to find the experimental probability of rolling a 3. Is your friend correct? Explain your reasoning.

There is 1 favorable outcome and 6 possible outcomes. So, the experimental probability of rolling a 3 is $\frac{1}{6}$.



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Use the spinner to find the theoretical probability of the event.

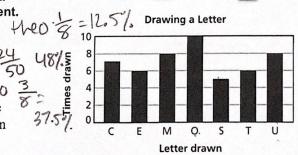
- 5. spinning a number greater than 5
- 6. spinning a factor of 6
- 7. spinning an odd number

factor of

A bag contains the letters shown. You randomly draw a tile, record it, and then return it to the bag. The bar graph shows the results of drawing a letter 50 times. Compare the theoretical and experimental probabilities of the event.

8. drawing an S exp 3 = 10%

9. drawing a vowel exp (6+10+8=24) 48%. For some street, we have a substitute of the street, and some substitute of the street, and some substitute of the street, and substitute of the s Should you use theoretical or theo 3 number of times you will draw an M in 2,000 draws? Explain.



OUTCOMES

Use technology to simulate 200 spins of the spinner in Exercises 5-7. How does the experimental probability of spinning a number less than 5 compare with the theoretical probability?