

The teacher will need to see all of your work. Mark (x) off each one as you use it. Be sure to include the following:

- Pictures, charts, graphs, or t-tables that support your explanation
- A written explanation with detailed sentences
- The equation or number sentence
- The answer (Ask yourself: Is my answer reasonable? Why or why not?)
- The solution in more than one way or related to other situations

**Teacher Use Only**

**Analytical Score:**

**Understanding**            N A P E

**Strategy/Reasoning**    N A P E

**Communication**            N A P E

**Holistic Score**            N A P E

Name: \_\_\_\_\_ Grade: \_\_\_\_\_ Date: \_\_\_\_\_

Teacher: \_\_\_\_\_ School: \_\_\_\_\_

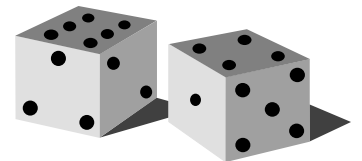
# Pizza Hut® Promotion

Pizza Hut® had the following promotion:

*Fantastic Friday  
Early Bird Special!*

*Every Friday Afternoon from 3pm – 5pm*

*You'll roll the die when you're ready to pay to obtain your discount.*



**It's free!  
For a die  
roll of 6**

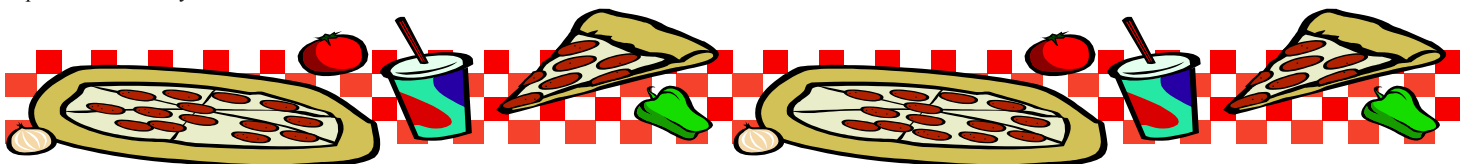
**Get 30% off!  
For a  
die roll of 3**

**Get 20% off!  
For a die  
roll of 2 or 4**

**Get 10% off!  
For a die  
roll of 1 or 5**

Valid only at participating Capital Pizza Hut locations. Subject to cancellation at any time. Dine-In and Carryout orders only, applies to guest checks cashed out between 3pm & 5pm.

Does not apply to the purchase of gift certificates, alcohol (it's the law!) or Premium items like basketballs or puppets. Not valid with any other offer. No purchase necessary. Discount cannot exceed \$25.



# Pizza Hut® Promotion

- As you can see, contestants had a  $\frac{1}{6}$  or a 17% chance of rolling a 6, and getting a free pizza.
- Contestants had a  $\frac{1}{6}$  or a 17% chance of rolling a 3, and getting 30% off the price of their meal.
- Contestants had a  $\frac{2}{6}$  or a 33% chance of rolling a 2 or 4, and getting 20% off the price of their meal.
- Contestants had a  $\frac{2}{6}$  or a 33% chance of rolling a 1 or 5, and getting 10% off the price of their meal.

Your task is to create a new game for Pizza Hut® that deals with finding the sum of two dice that are rolled. Draw an advertisement for your game, and write a letter to the company with your recommendations and how you made them.

