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| Name | Class: | Date: |

**5.4 Finding a Percent of a Number**

In baseball, you need at least a 75% vote to enter the Baseball Hall of Fame. In 1991, pitcher Ferguson Jenkins received 334 votes from 443 writers

**Inquire:**

1. Write 75% as a decimal \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What operations does the word “of” mean? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Calculate 75% of 443 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Did Jenkins get the vote? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Example:** When going to restaurants, it is common practice to tip the waiter 15% How much would you tip on a $45.00 bill?

**Solution:**

**Practice**: Calculate the tip you would leave for a bill of: (assuming you tip 15%)

 $10.25 $65.00 $25.50

Some common percents/fractions that are helpful to remember:

25% = 33% = 50% = 75% =

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| What is 25% of 80? | What is 33% of 99? | What is 50% of 300? | What is 75% of 40? |
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