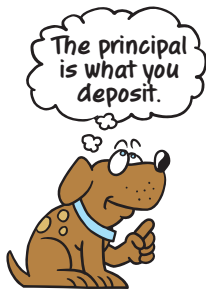


# Simple Interest

Name \_\_\_\_\_

## Key Concept and Vocabulary



$$I = Prt$$

$$\$200 = (\$2000)(0.05)(2)$$

↑ interest    ↑ principal    ↑ time in years

rate as decimal



## PRACTICE MAKES PURR-FECT™

Check your answers at [BigIdeasMath.com](http://BigIdeasMath.com).

1. **TIME IN YEARS** Complete the table.

1 month	3 months	4 months	6 months	1 year	2 years
$t =$ <input type="text"/>	$t =$ <input type="text"/>	$t =$ <input type="text"/>	$t =$ <input type="text"/>	$t =$ <input type="text"/>	$t =$ <input type="text"/>

2. **RATE AS A DECIMAL** Complete the table.

3% per yr	4% per yr	5% per yr	6% per yr	6.5% per yr	10% per yr
$r =$ <input type="text"/>	$r =$ <input type="text"/>	$r =$ <input type="text"/>	$r =$ <input type="text"/>	$r =$ <input type="text"/>	$r =$ <input type="text"/>

Find the interest earned in the savings account.

3. Principal = \$2000  
Rate = 5% per year  
Time = 6 months

$$I = \$ \text{  }$$

4. Principal = \$2000  
Rate = 6% per year  
Time = 6 months

$$I = \$ \text{  }$$

5. Principal = \$10,000  
Rate = 4% per year  
Time = 6 years

$$I = \$ \text{  }$$

6. Principal = \$10,000  
Rate = 6% per year  
Time = 6 years

$$I = \$ \text{  }$$

