**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Assignment 3-1**

**Answer each question with a complete sentence.**

1. Nick put  of the money he earned this week into a savings account. If Nick earned $84, how much did he put into savings?

|--------------------------------------------$84------------------------------------------|

|  |  |  |  |
| --- | --- | --- | --- |
| ? |  |  |  |

1. Jade spent  of her money on lunch. If Jade spent $9 on lunch, how much money did she have?

Jade’s money

|--------------------------------------------?---------------------------------------------|

|  |  |  |  |
| --- | --- | --- | --- |
| $9 |  |  |  |

|---spent on lunch--|

1. Two-thirds of the students in the 9th grade went to the homecoming dance. If there are 240 students in the 9th grade, how many 9th graders went to the homecoming dance?

|-------------------------------------------240-------------------------------------------|

|  |  |  |
| --- | --- | --- |
|  |  |  |

 |------------------------------?----------------------------|

 went to the homecoming dance

1. Luke ate  of a package of chocolate chip cookies while he was watching the Patriots game. If Luke ate 6 cookies, how many were in the pack?

total cookies in the package

|---------------------------------------------?--------------------------------------------|

|  |  |
| --- | --- |
| 6 |  |

|---------cookies that Luke ate---------|

**Answer each question using the model given.**

1. What is of 20?

|--------------------------------------------20-------------------------------------------|

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |

|----------------------------------?---------------------------------|

1. What is  of 17?

|--------------------------------------------17-------------------------------------------|

|  |  |
| --- | --- |
|  |  |

|---------------------?-----------------------|

1. 12 is  of what number?

|  |  |
| --- | --- |
|  |  |

|-------------------12-----------------------|

**Now build your own model. Answer with a complete sentence.**

1. Autumn worked for  of an hour on a social studies assignment. How many minutes did Autumn work on the assignment?

Note: 1 hour = 60 minutes.

1. Te’a read  of a mystery novel. If Te’a read 125 pages, how many pages are in the novel?
2.  of an orange juice drink is 9 ounces. How many ounces are there in the orange juice drink?

**Review**

1. Sketch the graph of a quadratic function that opens downward.

|  |
| --- |
|  |

1. Solve the equation 2*x* + 3 = 15 using the model below.

|--------------------------15---------------------------|

3

|  |  |
| --- | --- |
| x |  |

1. How many boxes are there in the 10th figure?

Figure 1 Figure 2 Figure 3

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