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

**Assignment 3-2**

**Find the percent that is equivalent to each fraction below.**

1.  = \_\_\_\_\_\_\_\_\_\_%

|---------------------------------------------------100--------------------------------------------------|

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

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

2.  = \_\_\_\_\_\_\_\_\_\_%

|------------------------------------------100-------------------------------------------|

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

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

3.  = \_\_\_\_\_\_\_\_\_\_%

|-------------------------------------------100------------------------------------------|

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

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

**Build your own model and find the percent that is equivalent to each fraction below.**

4.  = \_\_\_\_\_\_\_\_\_\_ %

5.  = \_\_\_\_\_\_\_\_\_\_\_\_\_%

6.  = \_\_\_\_\_\_\_\_\_\_%

**Solve using your brain. Show a visual model.**

7. Matt got  of the questions on a recent World Cultures quiz correct. What percent did Matt earn on the quiz?

8. Zavier saw a commercial on television where it was commented that  surveyed prefer Skippy peanut butter. What percent of the people surveyed prefer Skippy?

9. Gabby got  on her physical science test. What percent did Gabby get on the test?

10. Some scientists have claimed that average human beings use only about  of their brains. What percent of the brains are the average humans using?

**Review**

11. Solve the equation 4x = 10.

|--------------------------------------------10-------------------------------------------|

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

12. Colt began a 15 kilometer hike at 8 o’clock in the morning. By lunch time, Colt had completed  of the hike. How many kilometers did Colt hike by lunch?