Gr4 Mod6 Topic A Quiz

1. Write the length of the bug in centimeters. (The drawing is not to scale.)

|  |  |
| --- | --- |
|  | Fraction form: \_\_\_\_\_\_\_\_\_\_ cmDecimal form: \_\_\_\_\_\_\_\_\_\_ cmHow far does the bug need to walk before its nose is at the 1 cm mark? \_\_\_\_\_\_\_\_\_ cm |

2. Match each amount expressed in unit form to its fraction form and decimal form.

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

|  |
| --- |
| 3 tenths |

 |

|  |
| --- |
| $\frac{7}{10}$ |

 |

|  |
| --- |
| 0.9 |

 |
|

|  |
| --- |
| 7 tenths |

 |

|  |
| --- |
| $\frac{9}{10}$ |

 |

|  |
| --- |
| 0.3 |

 |
|

|  |
| --- |
| 9 tenths |

 |

|  |
| --- |
| $\frac{3}{10}$ |

 |

|  |
| --- |
| 0.7 |

 |

3. Write the decimal that represents the shaded amount of this rectangle.



4. Write the following as equivalent decimals. Then represent the decimal by shading in the model.

a. 2 ones and 6 tenths = \_\_\_\_\_\_\_\_\_\_



b. $3\frac{4}{10}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



c. $\frac{21}{10}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_



5. Complete the chart.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Point** | **Number Line** | **Decimal Form** | **Mixed Number (ones and fraction form)** | **Expanded Form (fraction or decimal form)** | **How much to get to the next one?** |
| a. |  |  | $8\frac{7}{10}$ |  |  |
| b. |  | 56.3 |  |  |  |