Rubric for Drawing Conclusions Worksheet

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|  | 5 points | 3 points | 1 point |
| Item 1: Smooth Tile Floor | Student was able to successfully determine how far the vehicle moved relative to the other surfaces AND why. | Student either determined how far the vehicle moved relative to the other surfaces OR why. | Student was not able to correctly determine how far the vehicle moved relative to the other surfaces or why. |
| Item 2: Beach Towel | Student was able to successfully determine how far the vehicle moved relative to the other surfaces AND why. | Student either determined how far the vehicle moved relative to the other surfaces OR why. | Student was not able to correctly determine how far the vehicle moved relative to the other surfaces or why. |
| Item 3: Nonskid Pad | Student was able to successfully determine how far the vehicle moved relative to the other surfaces AND why. | Student either determined how far the vehicle moved relative to the other surfaces OR why. | Student was not able to correctly determine how far the vehicle moved relative to the other surfaces or why. |
| Item 4: Woven Rug | Student was able to successfully determine how far the vehicle moved relative to the other surfaces AND why. | Student either determined how far the vehicle moved relative to the other surfaces OR why. | Student was not able to correctly determine how far the vehicle moved relative to the other surfaces or why. |
| Item 5: Identifying Constants | Three constants are correctly identified. | One or two constants are correctly identified. | Zero constants are correctly identified. |
| Item 6: Noticing the Effect of Friction | Student indicates that friction and distance traveled are inversely related. | Student points to attributes of the surfaces and how they impact the distance the vehicle travels, but does not formulate a rule. | Student does not demonstrate understanding of the role of friction on the vehicle. |

Final Score: \_\_\_\_ /30