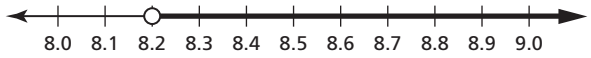
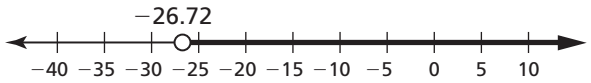
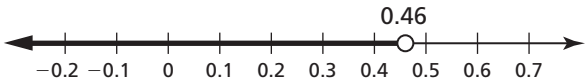
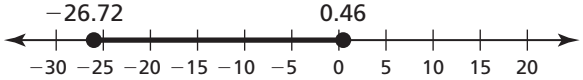
Name _____ Date _____

Chapter 4 Performance Task (continued)

Rubric

Distance and Brightness of the Stars	Points
1. $s > 4 + c$	**2** Correct inequality **1** Correct use of s and $4 + c$ but incorrect inequality symbol
2. $s > 8.2$ 	**3** Correct inequality and graph **2** Correct inequality but incorrect graph
3. $d + 1.7 < 4.2$; $d < 2.5$	**4** Correct inequality and solution **2** Correct inequality but missing or incorrect solution
4. $m > -26.72$ 	**3** Correct inequality and graph **2** Correct inequality but incorrect graph
5. $m < 0.46$ 	**3** Correct inequality and graph **2** Correct inequality but incorrect graph
6. The apparent magnitudes of the 10 brightest stars are greater than or equal to -26.72 and less than or equal to 0.46. 	**3** Correct interpretation and graph **2** Correct interpretation but incorrect graph
Mathematical Practices: Construct visual and conceptual mathematics tools. Students will use number lines to solve problems.	**2** The student uses number lines effectively. Award partial credit as needed.
Total Points	**20 points**

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