Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_ Period: \_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_

**4.3A Solving Inequalities Using Multiplication and Division\_Classwork**

*Objective: solve inequalities using multiplication or division; solve real-life problems. CC.SS.7.EE.4b*

*HW: worksheet 4.3A*

|  |  |  |  |
| --- | --- | --- | --- |
| **WARM-UP: solve for**   |  |  |  | | --- | --- | --- | |  |  |  | |

|  |  |
| --- | --- |
| **EXAMPLE 1** | **EXAMPLE 2** |
| **1.** | **2.** |
| **3.** | **4.** |

PRACTICE PROBLEMS: Solve the inequality. Graph the solution.

1.  2.  3.

TA: S:\mscc7wb03.01\Red Production\Red Record and Practice Journal\Art\04\mscc7_rpj_0403_08.eps,10/15/2012 12:00:02 PM replaced: 7/31/2016 7:22:22 PMTA: S:\mscc7wb03.01\Red Production\Red Record and Practice Journal\Art\04\mscc7_rpj_0403_08.eps,10/15/2012 12:00:02 PM replaced: 7/31/2016 7:22:22 PMTA: S:\mscc7wb03.01\Red Production\Red Record and Practice Journal\Art\04\mscc7_rpj_0403_08.eps,10/15/2012 12:00:02 PM replaced: 7/31/2016 7:22:22 PM

4. 5. 6. 

TA: S:\mscc7wb03.01\Red Production\Red Record and Practice Journal\Art\04\mscc7_rpj_0403_08.eps,10/15/2012 12:00:02 PM replaced: 7/31/2016 7:22:23 PMTA: S:\mscc7wb03.01\Red Production\Red Record and Practice Journal\Art\04\mscc7_rpj_0403_08.eps,10/15/2012 12:00:02 PM replaced: 7/31/2016 7:22:23 PMTA: S:\mscc7wb03.01\Red Production\Red Record and Practice Journal\Art\04\mscc7_rpj_0403_08.eps,10/15/2012 12:00:02 PM replaced: 7/31/2016 7:22:23 PM

7. 8. 9.

TA: S:\mscc7wb03.01\Red Production\Red Record and Practice Journal\Art\04\mscc7_rpj_0403_08.eps,10/15/2012 12:00:02 PM replaced: 7/31/2016 7:22:24 PMTA: S:\mscc7wb03.01\Red Production\Red Record and Practice Journal\Art\04\mscc7_rpj_0403_08.eps,10/15/2012 12:00:02 PM replaced: 7/31/2016 7:22:24 PMTA: S:\mscc7wb03.01\Red Production\Red Record and Practice Journal\Art\04\mscc7_rpj_0403_08.eps,10/15/2012 12:00:02 PM replaced: 7/31/2016 7:22:23 PM

10. To win a game, you need at least 45 points. Each question is worth  
3 points. Write and solve an inequality that represents the number of questions you need to answer correctly to win the game.