Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Partner: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**MATCH YOUR PARTNER’S ANSWER (set C: INEQUALITIES)**

Do the examples, show all work, select or write in your answers.

Check your work. You and your partner’s answers should match. Have fun! :-)

|  |  |
| --- | --- |
| 1)  Solve for a  3a + 6 > -24  Answer: a = \_\_\_\_\_ | 2)  Solve for z  5z – (32)< 13(2)  Answer: z = \_\_\_\_\_ |
| 3) Select all that are true. The black lines (rays) represent “x”    **-3 3**  \_\_\_ A. x could = -6  \_\_\_ B. x could = 9½  \_\_\_ C. x could = 0  \_\_\_ D. x could = 3  \_\_\_ E. x < -2 | 4) x represents the amount of money I can spend at the store.  2x + 3(x – 2) < 19  Check all that are true:  \_\_\_A) I can spend $5  \_\_\_B) I can buy something for $4.50  \_\_\_C) I have enough money to spend $8  \_\_\_D) I will get change if I spend $3  \_\_\_E) I can buy 2 pens at $2.49 each |
| 5) | 6) |

For 5) and 6) above. create two different inequality examples with the same answer.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Partner: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**MATCH YOUR PARTNER’S ANSWER (set D: INEQUALITIES )**

Do the examples, show all work; select or write in your answers.

Check your work. You and your partner’s answers should match. Have fun! :-)

|  |  |
| --- | --- |
| 1)  Solve for a  2 a + 4 > -24  Answer: a \_\_\_\_ | 2)  Solve for w  8w + 22 < 12(5)  Answer: w \_\_\_\_\_ |
| 3)  Check all that are true.  -4 4    \_\_\_ A) x could be 2  **x**  \_\_\_ B) x could = -3  \_\_\_ C) x could = -5  \_\_\_ D) x could be 4 | 4)  x represents the price of a movie ticket.  x + 2(x – 4) > 19  **Check all that are true**:  \_\_\_ A) The price of a ticket could be $7  \_\_\_ B) The ticket price could be $12  \_\_\_ C) The ticket price could be $6  \_\_\_ D) The ticket price could be $10.50 |
| 5) | 6) |

For 5) and 6) above. create two different inequality examples with the same answer.