

Name _____

Date _____

Word Problems Leading to Inequalities - Matching Worksheet

Match the word problems to their answers. Write the letter of the answer that matches the problem.

1. Solve $3.5x + 10 < -30$

a. 6

2. Michelle has a \$100. She wants to purchase paper pins (\$20) and file covers (\$20) and paper weights. Each paper weight costs \$10. How many paper weights can she purchase?

b. $x > 5$

3. Richard buys one tooth cleaning kit for \$25 and a toothbrush for \$15. He spends the rest of his money on body soap. He has \$80 at the start. Each body soap is \$5. How many can he buy?

c. 9

4. Solve $-0.8x - 6 < -10$.

d. $x < -11.43$

5. Solve $1.6 + 4x > 14$.

e. 8

6. Jennifer wants to purchase rice (\$14) and cold drinks (\$10). She spends the rest of her money on pizza. She has \$60 at the start. Each pizza costs \$4. How many pizzas can she get?

f. $x > 3.1$

7. Angela has \$75. She wants to buy a doorbell (\$15) and hockey sticks. She spends the rest of the money on hockey sticks. Each hockey stick is \$5. How many hockey sticks can she purchase?

g. 12

