

Translating a sentence into a one-step inequality: Worksheet 2.2

Name Date Score

Translate the following sentence into a one-step inequality:

1. x reduced by 20 is at least 23
2. The product of x and 7 is greater than or equal to 28
3. The difference between y and 4 is greater than 13
4. The quotient of x and 5 is less than or equal to 9
5. 10 subtracted from y is greater than or equal to 29
6. 5 subtracted from c is less than or equal to -15
7. x reduced by 9 is less than 16
8. x multiplied by 15 is less than or equal to 36.
9. The quotient of y and 4 is not less than 22
10. 18 more than x is greater than 27



Solutions: Worksheet 2.2

1. $x - 20 \geq 23$

2. $7x \geq 28$

3. $y - 4 > 13$

4. $x/5 \leq 9$

5. $y - 10 \geq 29$

6. $c - 5 \leq -15$

7. $x - 9 < 16$

8. $15x \leq 36$

9. $y/4 \geq 22$

10. $x + 18 > 27$

