

16. $5x - 4 \geq 26$ or $29 - 3x > 2$

All Real Numbers

17. $|2x - 3| \leq 7$

$-2 \leq x \leq 5$

18. $2|m + 7| > 8$

$m < -11$ or $m > -3$

19. One number is four times a second number. If you take one-half of the second number and increase it by the first number, the result is at least 45. Find the least possible value for the second number.

10

5. Name the sets of numbers to which $-\frac{1}{3}$ belongs.

Rational, Reals

6. Simplify $\frac{1}{3}(5x-9) + \frac{1}{5}(25x+5)$.

$10x - 2$

7. Name the property illustrated by $5(x+y) = 5(y+x)$.

Commutative Property

For Questions 8 – 11, solve each equation.

8. $23 = 5 - \frac{2}{3}m$

-27

9. $18 = 3|4x - 10|$

$\{1, 4\}$

10. $5(2x - 6) = 7x - 3$

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