

TIPC

P.1 - P.3 - P.5
Review 1

Solve each linear equation.

(1) $x - (5 - 3x) = 7x + 4$

(2) $2(9x - 1) = 99 - 7(3 - 4x)$

(3) $8(m - 5) = 2(3m - 8)$

(4) $6(5k - 8) - 20 = 11(2k - 3) + 3k$

(5) $-4(3 - 6d) = 9(2d - 2)$

(6) $-x - (13 + 4x) = -3(5 - 9x) + 2$

Solve

(7) $8u^2 + 19u + 6 = 0$

(8) $25u^2 - 20u + 4 = 0$

(9) $3u^2 - 11u - 14 = 0$

(10) $u^2 - 4u - 21 = 0$

(11) $6u^2 + 17u - 10 = 0$

(12) $2u^2 + 5u - 18 = 0$

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R

Solve each inequality for x . Write sol'n

(13) $-3x - 8 > 10$

(14) $-9 \leq 2x + 7 \leq 37$

(15) $-2 < \frac{x-9}{5} < 6$

(16) $-3 < \frac{x}{6} - 10 < 5$

(17) $18 \geq \frac{3x-2}{4} \geq -\frac{2}{3}$

as an interval