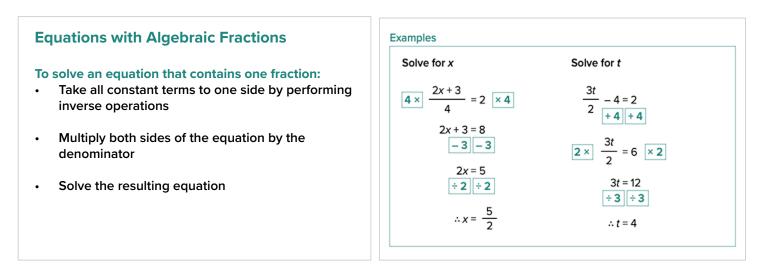


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MATHEMATICS: EQUATIONS

Learning Objective: To solve equations with pronumerals and algebraic fractions.



## Solve for the pronumeral.

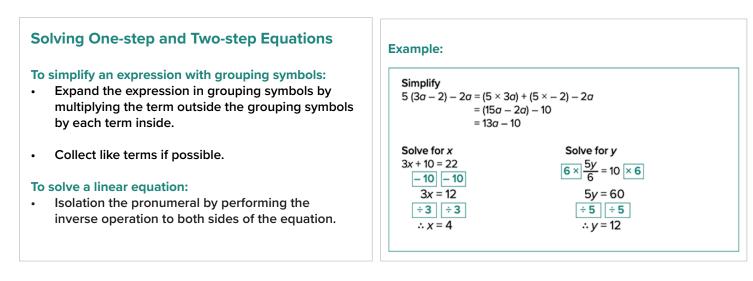
4h + 5 = 2h - 6	8 - 3h = 3h - 6	2h - 4 = 4 - 2h	8 - 5d = 4 - 7d

## Solve for the pronumeral.

$\frac{8t}{6} - 4 = 6$	$\frac{6t}{4} - 5 = 7$	$\frac{s}{3} - 7 = 4$	$\frac{3b}{5} - 9 = 5$



## MATHEMATICS: ANSWER SHEET



## Solve for the pronumeral.

4h + 5 = 2h - 6	8 - 3h = 3h - 6	2h - 4 = 4 - 2h	8 - 5d = 4 - 7d
4h + 5 = 2h - 6 4h - 2h + 5 = - 6 2h = - 6 + 5 2h = - 1 h = - 1 / 2 h = - 0.5	8 - 3h = 3h - 6 8 + 6 - 3h = 3h 14 - 3h = 3h 14 = 3h + 3h 14 = 6h h = 14 / 6 h = 7 / 3 h = 2.3	2h - 4 = 4 - 2h 2h + 2h - 4 = 4 4h - 4 = 4 4h = 4 + 4 4h = 8 h = 8 / 4 h = 2	8 - 5d = 4 - 7d 8 - 5d + 7d = 4 8 + 2d = 4 2d = 4 - 8 2d = - 4 d = - 4 / 2 d = - 2

Solve for the pronumeral.

$\frac{8t}{6} - 4 = 6$	$\frac{6t}{4} - 5 = 7$	$\frac{s}{3} - 7 = 4$	<u>3b</u> – 9 = 5
$\frac{8t}{6} - 4 = 6$ $\frac{8t}{6} = 6 + 4$ $\frac{8t}{6} = 10$ $8t = 10 \times 6$ $8t = 60$ $t = 60 / 8$ $t = 7.5$	$\frac{6t}{4} - 5 = 7$ $\frac{6t}{4} = 7 + 5$ $\frac{6t}{4} = 12$ $6t = 12 \times 4$ $6t = 48$ $t = 48 / 6$ $t = 8$	$\frac{s}{3} - 7 = 4$ $\frac{s}{3} = 4 + 7$ $\frac{s}{3} = 11$ $s = 11 \times 3$ $s = 33$	$\frac{3b}{5} - 9 = 5$ $\frac{3b}{5} = 5 + 9$ $\frac{3b}{5} = 14$ $3b = 14 \times 5$ $3b = 70$ $b = 70 / 3$ $b = 23.3$