

3.4 Notes

Solving Equations
with Variables
on Both Sides!

Solve the following equations...

1. $10b + 18 = 4(2b + 1)$

Solve the following equations...

2. $4(x + 3) = \frac{1}{5}(5 + 10x)$

Solve the following equations
(if possible)...

3. $3y - 8 - y = 2y - 6 - 2$

Solve the following equations
(if possible)...

4. $5(1 + 4m) = 2(3 + 10m)$

Solve the following equations
(if possible)...

5. $\frac{3}{2} + \frac{3}{4}x = \frac{1}{4}x - \frac{1}{2}$

Problem Solving...

6. Find the expression for the perimeter of a square if one side is represented by "5x" and the other is "3x + 6". Then find the exact perimeter if x = 4 ft.