

DO NOW Solve the equation. Check your solution.

1)
$$\frac{g}{5} - 7 = 12$$

DO NOW Solve the equation. Check your solution.

2) 2x + 3x - 5 = 25

DO NOW Solve the equation. Check your solution.

3)
$$3(x-6)+10=16$$

DO NOW 4) $2(1-5x)+4=-8$	Examples 1) Cancel the "smallest variable term" 2) Collect constant terms on the other side a) $13+5x=2x-8$ b) $2m-6=12-4m$

c) 34 - 3x = 14x

Practice

1)
$$7-8x = 4x-17$$
 2) $9-3k = 17-2k$

Multi-step with variables on each side of the equation

- 1) Simplify each side of the equation Collect variable terms on one side
- 2)
- 3) Collect constant terms on the other side

a)
$$3-4y=5(y-3)$$
 b) $3z-10+4z=5z-7$

Classwork

1)
$$y = 24 - 3y$$

Classwork

2)
$$-7a = -12a - 65$$

Classwork

3)
$$7(a-2) = 3a+14$$

Classwork

4)
$$4(r-9)+2=12r+14$$