

1 June**Solve equations with unknowns on both sides****Video – Teacher Talk: Solving Equations****Full explanation of solution to question at 2:50**

- Solve:

$$4a - 1 = 2a + 11$$

- Subtract **2a** from both sides of the equal sign

$$4a - 2a - 1 = 2a - 2a + 11$$

$$2a - 1 = 11$$

- Add **1** to both sides of the equal sign

$$2a - 1 + 1 = 11 + 1$$

$$2a = 12$$

- Divide by **2** on both sides of the equal sign

$$a = 6$$