

# Add to Sides

**What:** Add the same expression to the both sides of  $==$  .

**Why:** Such side-wise addition is an essential computation for solving equations.

**Time to Complete:** 3 hours.

```
eq = (x - 3 == 17*y - 9);
```

```
lhs = eq.left + 9;
```

```
rhs = eq.right + 9;
```

```
eq2 = (lhs == rhs);
```

```
show eq2;
```

## Output

```
"eq2" → 6 + x == 17y
```

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