

Divide both Sides

What: Divide both sides of $==$ by the same expression.

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

Time to Complete: 3 hours.

```
eq = (x - 3 == 17*y);  
  
lhs = eq.left / 17;  
rhs = eq.right /17;  
  
eq2 = (lhs == rhs);  
  
show eq2;  
  
save as lhsrhs;
```

Output

```
"eq2" → (-3 + x)/17 == y
```

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