# Property of Equality

Identify the property of equality (Addition or Subtraction) used to solve each equation. Show your work.

1.  $4x + 33 = 181$

Property:

2.  $5x - 66 = 74$

Property:

3.  $3x + 95 = 209$

Property:

4.  $4x + 10 = 62$

Property:

5.  $4x + 20 = 36$

Property:

6.  $3x - 23 = 46$

Property:

7.  $4x - 11 = 133$

Property:

8.  $5x + 13 = 208$

Property:

# Property of Equality

Identify the property of equality (Addition or Subtraction) used to solve each equation. Show your work.

9.  2x - 15 = 11

Property:

10. 4x - 78 = -62

Property:

# Property of Equality – Answer Key

1. $4x + 33 = 181$

   <span style="color:red">Sub+Div Property
   x = 37</span>

2. $5x - 66 = 74$

   <span style="color:red">Add+Div Property
   x = 28</span>

3. $3x + 95 = 209$

   <span style="color:red">Sub+Div Property
   x = 38</span>

4. $4x + 10 = 62$

   <span style="color:red">Sub+Div Property
   x = 13</span>

5. $4x + 20 = 36$

   <span style="color:red">Sub+Div Property
   x = 4</span>

6. $3x - 23 = 46$

   <span style="color:red">Add+Div Property
   x = 23</span>

7. $4x - 11 = 133$

   <span style="color:red">Add+Div Property
   x = 36</span>

8. $5x + 13 = 208$

   <span style="color:red">Sub+Div Property
   x = 39</span>

# Property of Equality - Answer Key

9.  $2x - 15 = 11$

   Add+Div Property
   x = 13

10. $4x - 78 = -62$

   Add+Div Property
   x = 4