

Name: _____

Score: _____

Identity and Inverse Properties

Sheet 2

Use appropriate '+' or '×' symbols to satisfy the equation. Identify the property used.

1) $8 \square 1 = 8$

Property: _____

2) $12 \square (-12) = 0$

Property: _____

3) $6 \square \frac{1}{6} = 1$

Property: _____

4) $0 \square 7 = 7$

Property: _____

5) $1 \square 5 = 5$

Property: _____

6) $-11 \square 11 = 0$

Property: _____

7) $-7 \square 7 = 0$

Property: _____

$\square 1 = 3$

Property: _____

10) $5 \square \frac{1}{5} = 8$

Property: _____

$\square (-13) = 0$

Property: _____

13) $12 \square 0 = 12$

Property: _____

$\square 9 = 1$

Property: _____

16) $3 \square \frac{1}{3} = 1$

Property: _____

$\square 0 = 10$

Property: _____

19) $2 \square 1 = 2$

Property: _____

20) $5 \square \frac{1}{5} = 1$

Property: _____

21) $6 \square (-6) = 0$

Property: _____

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Name: _____

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Answer key**Identity and Inverse Properties**

Sheet 2

1) $8 \times 1 = 8$

Property: **Multiplicative Identity**

2) $12 + (-12) = 0$

Property: **Additive Inverse**

3) $6 \times \frac{1}{6} = 1$

Property: **Multiplicative Inverse**

4) $0 + 7 = 7$

Property: **Additive Identity**

5) $1 \times 5 = 5$

Property: **Multiplicative Identity**

6) $-11 + 11 = 0$

Property: **Additive Inverse**

7) $-7 + 7 = 0$

Property: **Additive Inverse****PREVIEW**

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8) $1 \times 3 = 3$

Property: **Multiplicative Identity**

10) $5 \times \frac{1}{5} = 1$

Property: **Multiplicative Inverse**

9) $+ (-13) = 0$

Property: **Additive Inverse**

13) $12 + 0 = 12$

Property: **Additive Identity**

11) $9 \times 1 = 9$

Property: **Multiplicative Identity**

16) $3 \times \frac{1}{3} = 1$

Property: **Multiplicative Inverse**

12) $0 + 10 = 10$

Property: **Additive Identity**

19) $2 \times 1 = 2$

Property: **Multiplicative Identity**

20) $5 \times \frac{1}{5} = 1$

Property: **Multiplicative Inverse**

21) $6 + (-6) = 0$

Property: **Additive Inverse**