

Name: ..... Class: .....

Relate multiplication and division

if  $14 \div 7 = 2$

So...

$2 \times 7 = 14$

$7 \times 2 = 14$

We know that division is the inverse operation of multiplication,

So, if  $14 \div 2 = 7$ , then the inverse relations will be

$7 \times 2 = 14$  or  $2 \times 7 = 14$

Hence, division and multiplication are inversely related



Write the inverse relations of the following.

$10 \times 6 = 60$

$144 \times 12 = 1,728$

$28 \div 4 = 7$

$500 \div 5 = 100$

$40 \div 4 = 10$

$702 \div 2 = 351$

$36 \times 6 = 216$

$8,000 \times 1 = 8000$

$15 \times 9 = 135$

$60 \times 12 = 720$

$900 \div 30 = 30$

$24 \times 8 = 192$

$24 \div 3 = 8$

$72 \times 8 = 576$

$18 \div 2 = 9$



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$60 \div 10 = 6$

$60 \div 6 = 10$

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$28 \div 4 = 7$

$7 \times 4 = 28$

$4 \times 7 = 28$

$500 \div 5 = 100$

$100 \times 5 = 500$

$5 \times 100 = 500$

$40 \div 4 = 10$

$10 \times 4 = 40$

$4 \times 10 = 40$

$702 \div 2 = 351$

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$24 \div 3 = 8$

$3 \times 8 = 24$

$8 \times 3 = 24$

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$576 \div 8 = 72$

$576 \div 72 = 8$

$18 \div 2 = 9$

$9 \times 2 = 18$

$2 \times 9 = 18$

