8.3 Properties of Multiplication

Apr 16-4:21 AM

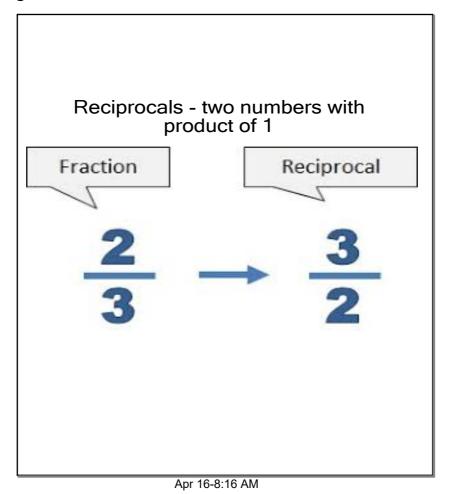
Commutative Property: $a \times b = b \times a$

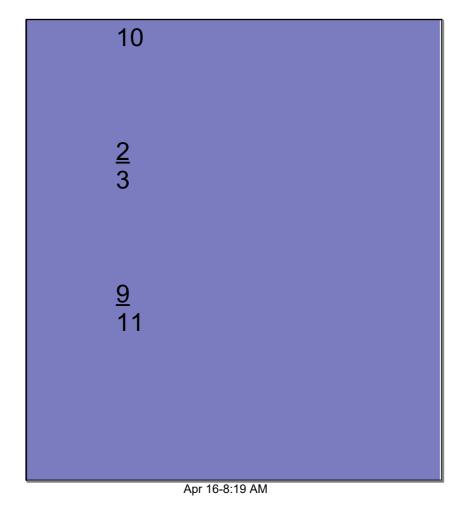
Associative Property: $(a \times b) \times c = a \times (b \times c)$

Identity Property: $a \times 1 = a$

Zero Property: $a \times 0 = 0$

Distributive Property: $a \times (b + c) = (a \times b) + (a \times c)$





8.4 Multiply Mixed Numbers

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- Rename the mixed numbers as improper fractions
- · simplify or cross cancel
- multiply the numerators and then the denominators
- Rename as a mixed number and simplify

$$7\frac{2}{3} \times 4\frac{1}{4}$$

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$$9\frac{1}{5} \times 3\frac{7}{12}$$

Chapter 8 Multiplying Fractions.notebook	

March 17, 2020