

$$a^2 b c$$

$$2^2 (3)(5)$$

$$4(3)(5)$$

$$12(5)$$

$$60$$

$$a = 2$$

$$b = 3$$

$$c = 5$$

P E MD AS
 Parentheses Exponents Multiplication Addition
 Division Subtraction
 Left to Right

$$(2+5)^2 - 4 \cdot 2$$

$$(7)^2 - 8$$

$$49 - 8$$

$$41$$

$$(2^2 + 5^2) - 4 \cdot 2$$

$$(4 + 25) - 8$$

$$29 - 8$$

$$21$$

$$\frac{10 + 8}{14 - 8}$$

$$\frac{18}{6}$$

$$3$$

$$(10 + 8) \div (14 - 8)$$

$$18 \div 6$$

$$3$$

Simplify the
numerator

Simplify the
denominator

Divide

p54

8 - 20E

26 - 34E