

P E MD

Parenthesis

Exponents

Multiplication  
Division

AS

Addition  
Subtraction

Ex 1a  $4 \times (8 + 2) - 13$   
 $4 \times 10 - 13$   
 $40 - 13$   
 $27$

1b  $\frac{14-8}{2} \times 7$   
 $\frac{6}{2} \times 7$   
 $3 \times 7$   
 $21$

2a

$$(7-3)^2 \div 8$$
$$4^2 \div 8$$
$$16 \div 8 = 2$$

2b

$$(2+3)^2 - 4^2$$
$$5^2 - 4^2$$
$$25 - 16$$
$$9$$

3a

$$7 - 10 \div 2 + 9$$

$$7 - 5 + 9$$

$$11$$
3b

$$8 \times 3 \div 2^0 + 7$$

$$8 \times 3 \div 4 + 7$$

$$24 \div 4 + 7$$

$$6 + 7$$

$$13$$

$3x^2 - x + 2 - 4x$   
 leading coefficient +  $3x^2$  (term)  
 $-x$  (variable)  $+2$  (constant)  $-4x$  (coefficient)

variable

degree (exponent)

degree last +

alphabetical

Try It

$3y - x - 6y - 1 + 12xy + 4 + xy +$

$-x + 13xy - 3y + 3$

$4ab - a^2 + 3a - b + a^2 - 2b - ab$

$3a + 3ab - 3b$

$4x^2 + 9x^2$   
 $13x^2$