

Expanding Brackets #1

Date:

Name:

(<http://www.learnersgrid.com>)

POS(POS,POS)

For each expression, simplify by multiplying out of the bracket

a)

$$3(x + 4)$$

b)

$$3(x + 2)$$

c)

$$3(2y + 5)$$

d)

$$2(5 + 6y)$$

e)

$$4(x + 6)$$

f)

$$4(x + 6)$$

g)

$$3(5y + 6)$$

h)

$$5(6 + 9y)$$

Expanding Brackets #2

Date:

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POS(POS,POS)

For each expression, simplify by multiplying out of the bracket

i)

$$3(x + 1)$$

j)

$$2(x + 5)$$

k)

$$4(5y + 8)$$

m)

$$3(4 + 7y)$$

n)

$$3(x + 2)$$

p)

$$3(x + 2)$$

q)

$$4(3y + 8)$$

r)

$$2(3 + 5y)$$

ANSWERS

Expanding Brackets #1

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POS(POS,POS)

For each expression, simplify by multiplying out of the bracket

a)

$$3x + 12$$

b)

$$3x + 6$$

c)

$$6y + 15$$

d)

$$10 + 12y$$

e)

$$4x + 24$$

f)

$$4x + 24$$

g)

$$15y + 18$$

h)

$$30 + 45y$$

ANSWERS

Expanding Brackets #2

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POS(POS,POS)

For each expression, simplify by multiplying out of the bracket

i)

$$3x + 3$$

j)

$$2x + 10$$

k)

$$20y + 32$$

m)

$$12 + 21y$$

n)

$$3x + 6$$

p)

$$3x + 6$$

q)

$$12y + 32$$

r)

$$6 + 10y$$