

#1

Simplify the expression

$$(2x + 4)6$$

Show your work

#2

Simplify the expression

$$(5 + 5x)10$$

Show your work

#3

Simplify the expression

$$(10 + 8x)3$$

Show your work

#4

Simplify the expression

$$7(4x + 8)$$

Show your work

#5

Simplify the expression

$$5(7x + 10)$$

- $50x + 35$                         $35 + 50$   
  $35x + 50x$                         $35x + 50$

Show your work

#6

Simplify the expression

$$10(7 + 2x)$$

Show your work

#7

Simplify the expression

$$5(1 + 8x)$$

Show your work

#8

Simplify the expression

$$(3x + 1)7$$

Show your work

#9

Simplify the expression

$$(3 + 5x)2$$

- $6 + 10x$         $6x + 10x$   
  $6x + 10$         $6 + 10$

Show your work

#10

Simplify the expression

$$(9x + 6)9$$

$81x + 54$

$54x + 81$

$81x + 54x$

$81 + 54$

Show your work

#11

Simplify the expression

$$8(3x + 10)$$

Show your work

#12

Simplify the expression

$$(9x + 9)4$$

Show your work

Question	Answer
#1	$12x+24$
#2	$50x+50$
#3	$24x+30$
#4	$28x+56$
#5	choice 4
#6	$20x+70$
#7	$40x+5$
#8	$21x+7$
#9	choice 1
#10	choice 1
#11	$24x+80$
#12	$36x+36$