

#1

Simplify the expression

$$(8x + 3)6$$

Show your work

#2

Simplify the expression

$$(9x + 3)7$$

- $21x + 63$ $63x + 21$
 $63 + 21$ $63x + 21x$

Show your work

#3

Simplify the expression

$$(4 + 7x)7$$

- $28x + 49$ $28 + 49$
 $28 + 49x$ $28x + 49x$

Show your work

#4

Simplify the expression

$$6(10x + 6)$$

- $60x + 36x$ $60 + 36$
 $36x + 60$ $60x + 36$

Show your work

#5

Simplify the expression

$$(7 + 2x)7$$

Show your work

#6

Simplify the expression

$$(1 + 8x)7$$

Show your work

#7

Simplify the expression

$$(10x + 8)4$$

$40 + 32$

$40x + 32$

$32x + 40$

$40x + 32x$

Show your work

#8

Simplify the expression

$$(6x + 10)3$$

Show your work

#9

Simplify the expression

$$(10x + 7)8$$

Show your work

#10

Simplify the expression

$$(9 + 3x)2$$

- $18x + 6x$ $18x + 6$
 $18 + 6$ $18 + 6x$

Show your work

#11

Simplify the expression

$$3(7 + 4x)$$

Show your work

#12

Simplify the expression

$$(2x + 4)9$$

- $18 + 36$ $18x + 36$
 $18x + 36x$ $36x + 18$

Show your work

| Question | Answer |
|----------|----------|
| #1 | $48x+18$ |
| #2 | choice 2 |
| #3 | choice 3 |
| #4 | choice 4 |
| #5 | $14x+49$ |
| #6 | $56x+7$ |
| #7 | choice 2 |
| #8 | $18x+30$ |
| #9 | $80x+56$ |
| #10 | choice 4 |
| #11 | $12x+21$ |
| #12 | choice 2 |