#1

Simplify the expression

$$6(6 + 8x)$$

[   ]

#2

Simplify the expression

$$(6 + 8x)8$$

○ $48x + 64$ ○ $48 + 64x$

○ $48 + 64$ ○ $48x + 64x$

Show your work

#3

Simplify the expression

$$(2 + 3x)9$$

○ $18x + 27$ ○ $18 + 27x$

○ $18x + 27x$ ○ $18 + 27$

Show your work

#4

Simplify the expression

$$(6 + 2x)7$$

- ○ $42x + 14x$
- ○ $42 + 14$
- ○ $42x + 14$
- ○ $42 + 14x$

Show your work

#5

Simplify the expression

$$(6 + 4x)9$$

- ○ $54x + 36x$
- ○ $54x + 36$
- ○ $54 + 36x$
- ○ $54 + 36$

Show your work

#6

Simplify the expression

$$10(2x + 10)$$

Show your work

Name:

#7

Simplify the expression

$$2(1 + 9x)$$

○ $2x + 18x$ ○ $2 + 18x$

○ $2x + 18$ ○ $2 + 18$

Show your work

#8

Simplify the expression

$$3(8x + 5)$$

[   ]

Show your work

#9

Simplify the expression

$$(2x + 4)9$$

○ $18 + 36$ ○ $18x + 36$

○ $18x + 36x$ ○ $36x + 18$

Show your work

#10

Simplify the expression

$$(10x + 7)9$$

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Show your work

#11

Simplify the expression

$$(2 + 5x)5$$

○ $10x + 25x$ ○ $10 + 25$

○ $10 + 25x$ ○ $10x + 25$

Show your work

#12

Simplify the expression

$$4(4 + 2x)$$

○ $16 + 8x$ ○ $16 + 8$

○ $16x + 8$ ○ $16x + 8x$

Show your work

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Question	Answer
#1	48x+36
#2	choice 2
#3	choice 2
#4	choice 4
#5	choice 3
#6	20x+100
#7	choice 2
#8	24x+15
#9	choice 2
#10	90x+63
#11	choice 3
#12	choice 1