Name: _____

Date: _____

## Problem 1

f(x) = 5x + 2

g(x) = 0x + 16

What is the value of f(g(x)) when x = 15?

## Problem 2

f(x) = 6x + 3

g(x) = 16x + 15

What is the value of f(g(x)) when x = 6?

## Problem 3

f(x) = 3x + 17

g(x) = 17x + 11

What is the value of f(g(x)) when x = 5?

## Problem 4

f(x) = 16x + 16

g(x) = 14x + 13

What is the value of f(g(x)) when x = 5?

## Problem 5

f(x) = 4x + 10

g(x) = 15x + 8

What is the value of f(g(x)) when x = 20?

## Problem 6

f(x) = 4x + 11

g(x) = 10x + 2

What is the value of f(g(x)) when x = 15?

## Problem 7

f(x) = 5x + 11

g(x) = 20x + 3

What is the value of f(g(x)) when x = 2?

## Problem 8

f(x) = 19x + 10

g(x) = 7x + 11

What is the value of f(g(x)) when x = 8?

## Problem 9

f(x) = 17x + 10

g(x) = 20x + 10

What is the value of f(g(x)) when x = 14?

## Problem 10

f(x) = 3x + 1

g(x) = 7x + 14

What is the value of f(g(x)) when x = 0?

## Problem 11

f(x) = 19x + 4

g(x) = 4x + 3

What is the value of f(g(x)) when x = 9?

## Problem 12

f(x) = 15x + 1

g(x) = 9x + 20

What is the value of f(g(x)) when x = 14?

## Problem 13

f(x) = 20x + 2

g(x) = 18x + 9

What is the value of f(g(x)) when x = 12?

## Problem 14

f(x) = 3x + 0

g(x) = 19x + 12

What is the value of f(g(x)) when x = 0?

## Problem 15

f(x) = 17x + 4

g(x) = 16x + 5

What is the value of f(g(x)) when x = 5?

## Problem 16

f(x) = 2x + 16

g(x) = 6x + 9

What is the value of f(g(x)) when x = 0?

## Problem 17

f(x) = 11x + 12

g(x) = 16x + 0

What is the value of f(g(x)) when x = 16?

## Problem 18

f(x) = 10x + 10

g(x) = 5x + 14

What is the value of f(g(x)) when x = 4?

## Problem 19

f(x) = 10x + 3

g(x) = 3x + 8

What is the value of f(g(x)) when x = 13?

## Problem 20

f(x) = 1x + 12

g(x) = 15x + 3

What is the value of f(g(x)) when x = 11?

## Problem 21

f(x) = 2x + 10

g(x) = 1x + 9

What is the value of f(g(x)) when x = 3?

## Problem 22

f(x) = 9x + 9

g(x) = 8x + 2

What is the value of f(g(x)) when x = 6?

## Problem 23

f(x) = 17x + 12

g(x) = 19x + 10

What is the value of f(g(x)) when x = 7?

## Problem 24

f(x) = 20x + 19

g(x) = 10x + 5

What is the value of f(g(x)) when x = 8?

## Problem 25

f(x) = 8x + 4

g(x) = 10x + 5

What is the value of f(g(x)) when x = 11?

## Problem 26

f(x) = 20x + 6

g(x) = 7x + 6

What is the value of f(g(x)) when x = 0?

## Problem 27

f(x) = 8x + 20

g(x) = 5x + 4

What is the value of f(g(x)) when x = 5?

## Problem 28

f(x) = 16x + 4

g(x) = 17x + 9

What is the value of f(g(x)) when x = 15?

## Problem 29

f(x) = 6x + 16

g(x) = 18x + 10

What is the value of f(g(x)) when x = 6?

## Problem 30

f(x) = 12x + 0

g(x) = 17x + 0

What is the value of f(g(x)) when x = 5?

## Problem 31

f(x) = 9x + 11

g(x) = 17x + 15

What is the value of f(g(x)) when x = 5?

## Problem 32

f(x) = 13x + 4

g(x) = 16x + 6

What is the value of f(g(x)) when x = 10?

## Problem 33

f(x) = 0x + 16

g(x) = 8x + 9

What is the value of f(g(x)) when x = 18?

## Problem 34

f(x) = 12x + 2

g(x) = 8x + 17

What is the value of f(g(x)) when x = 16?

## Problem 35

f(x) = 18x + 1

g(x) = 17x + 9

What is the value of f(g(x)) when x = 7?

## Problem 36

f(x) = 11x + 4

g(x) = 5x + 3

What is the value of f(g(x)) when x = 2?

## Problem 37

f(x) = 14x + 18

g(x) = 15x + 7

What is the value of f(g(x)) when x = 11?

## Problem 38

f(x) = 6x + 7

g(x) = 7x + 7

What is the value of f(g(x)) when x = 12?

## Problem 39

f(x) = 3x + 20

g(x) = 6x + 20

What is the value of f(g(x)) when x = 1?

## Problem 40

f(x) = 7x + 9

g(x) = 1x + 0

What is the value of f(g(x)) when x = 4?

## Problem 41

f(x) = 2x + 20

g(x) = 19x + 11

What is the value of f(g(x)) when x = 18?

## Problem 42

f(x) = 11x + 14

g(x) = 7x + 4

What is the value of f(g(x)) when x = 12?

## Problem 43

f(x) = 18x + 14

g(x) = 3x + 4

What is the value of f(g(x)) when x = 20?

## Problem 44

f(x) = 18x + 15

g(x) = 20x + 2

What is the value of f(g(x)) when x = 12?

## Problem 45

f(x) = 2x + 11

g(x) = 4x + 17

What is the value of f(g(x)) when x = 5?

## Problem 46

f(x) = 16x + 19

g(x) = 16x + 18

What is the value of f(g(x)) when x = 18?

## Problem 47

f(x) = 0x + 19

g(x) = 1x + 14

What is the value of f(g(x)) when x = 1?

## Problem 48

f(x) = 11x + 4

g(x) = 1x + 1

What is the value of f(g(x)) when x = 19?

## Problem 49

f(x) = 4x + 2

g(x) = 16x + 16

What is the value of f(g(x)) when x = 1?

## Problem 50

f(x) = 1x + 8

g(x) = 1x + 4

What is the value of f(g(x)) when x = 15?

## Problem 51

f(x) = 5x + 4

g(x) = 10x + 17

What is the value of f(g(x)) when x = 10?

## Problem 52

f(x) = 13x + 1

g(x) = 19x + 7

What is the value of f(g(x)) when x = 12?

## Problem 53

f(x) = 4x + 2

g(x) = 17x + 15

What is the value of f(g(x)) when x = 1?

## Problem 54

f(x) = 10x + 7

g(x) = 12x + 3

What is the value of f(g(x)) when x = 6?

## Problem 55

f(x) = 20x + 13

g(x) = 0x + 13

What is the value of f(g(x)) when x = 13?

## Problem 56

f(x) = 3x + 17

g(x) = 16x + 5

What is the value of f(g(x)) when x = 13?

## Problem 57

f(x) = 16x + 20

g(x) = 20x + 18

What is the value of f(g(x)) when x = 18?

## Problem 58

f(x) = 7x + 2

g(x) = 4x + 9

What is the value of f(g(x)) when x = 9?

## Problem 59

f(x) = 0x + 20

g(x) = 13x + 12

What is the value of f(g(x)) when x = 11?

## Problem 60

f(x) = 2x + 12

g(x) = 8x + 10

What is the value of f(g(x)) when x = 16?

## Problem 61

f(x) = 0x + 10

g(x) = 12x + 18

What is the value of f(g(x)) when x = 0?

## Problem 62

f(x) = 11x + 2

g(x) = 17x + 13

What is the value of f(g(x)) when x = 4?

## Problem 63

f(x) = 17x + 2

g(x) = 9x + 12

What is the value of f(g(x)) when x = 1?

## Problem 64

f(x) = 10x + 10

g(x) = 6x + 15

What is the value of f(g(x)) when x = 5?

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f(x) = 5x + 9

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What is the value of f(g(x)) when x = 4?

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f(x) = 13x + 18

g(x) = 11x + 7

What is the value of f(g(x)) when x = 16?

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What is the value of f(g(x)) when x = 11?

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f(x) = 1x + 18

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What is the value of f(g(x)) when x = 0?

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## Problem 83

f(x) = 13x + 1

g(x) = 1x + 1

What is the value of f(g(x)) when x = 13?

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f(x) = 9x + 15

g(x) = 9x + 17

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## Problem 100

f(x) = 15x + 13

g(x) = 4x + 15

What is the value of f(g(x)) when x = 0?