

Name: _____

Composition of Two Functions

Sheet 1

A) If $f(-16) = 0$, $f(-7) = 11$, $f(2) = -5$, $f(3) = 13$, $g(-5) = 12$, $g(6) = 2$, $g(11) = -16$ and $g(13) = 3$, find the following.

1) $(g \circ f)(3)$

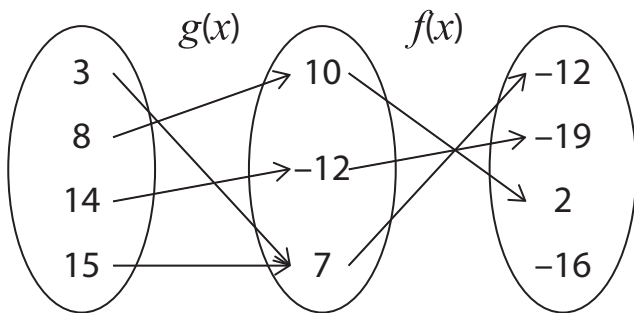
2) $(f \circ g)(6)$

3) $(f \circ g)(11)$

4) $(g \circ f)(-7)$

B) Find the following.

1) $(f \circ g)(8)$



2) $(f \circ g)(14)$

C) Find the following.

x	-13	-6	9	12
$g(x)$	10	-14	-17	-9

x	-9	4	5	10
$f(x)$	4	-6	9	20

1) $(f \circ g)(-13)$

2) $(g \circ f)(4)$

3) $(f \circ g)(12)$

4) $(g \circ f)(5)$

Composition of Two Functions

A) If $f(-16) = 0$, $f(-7) = 11$, $f(2) = -5$, $f(3) = 13$, $g(-5) = 12$, $g(6) = 2$, $g(11) = -16$ and $g(13) = 3$, find the following.

1) $(g \circ f)(3)$

3

2) $(f \circ g)(6)$

-5

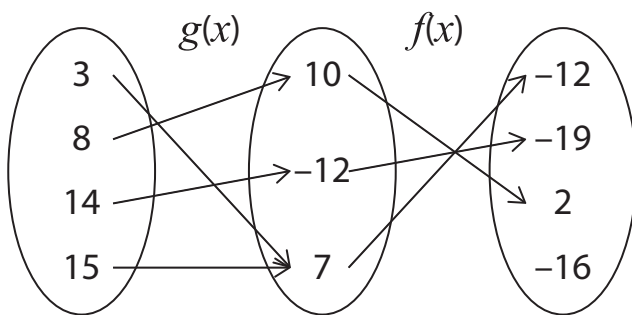
3) $(f \circ g)(11)$

0

4) $(g \circ f)(-7)$

-16

B) Find the following.



1) $(f \circ g)(8)$

2

2) $(f \circ g)(14)$

-19

C) Find the following.

x	-13	-6	9	12
$g(x)$	10	-14	-17	-9

x	-9	4	5	10
$f(x)$	4	-6	9	20

1) $(f \circ g)(-13)$

20

2) $(g \circ f)(4)$

-14

3) $(f \circ g)(12)$

4

4) $(g \circ f)(5)$

-17