

## Composition of Two Functions

A) If  $g(-6) = 2$ ,  $g(7) = 8$ ,  $g(10) = 3$ ,  $g(12) = 4$ ,  $f(-9) = -6$ ,  $f(-6) = 10$ ,  $f(4) = 12$  and  $f(8) = -4$ , find the following.

1)  $(f \circ g)(7)$

2)  $(g \circ f)(-9)$

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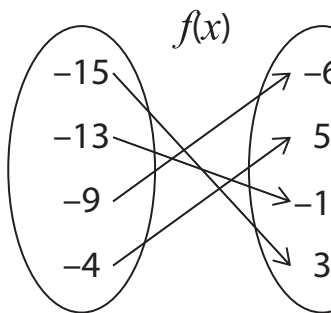
3)  $(g \circ f)(-6)$

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

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B) Find the following.



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C) Find the following.

$x$	-8	-6
$f(x)$	19	-7

1)  $(g \circ f)(17)$

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

4)  $(g \circ f)(-6)$

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## Composition of Two Functions

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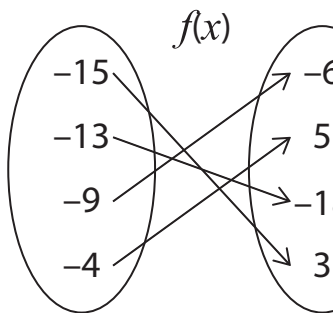
**-4****2**

3)  $(g \circ f)(-6)$

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

**3****12**

B) Find the following.



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**-10****-14**

C) Find the following.

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$f(x)$	19	-7

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**10****19**

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

4)  $(g \circ f)(-6)$

**7****3**