

Name _____ Period _____

Skill 4.2 Exercise 1		
Indicate the output and the datatype.		
Code	Output	Datatype
<code>print(6 / 4)</code>		
<code>print(6. / 4)</code>		
<code>print(6 // 8)</code>		
<code>print(6 // 8.)</code>		
<code>print(5 / 2.)</code>		
<code>print(5 // 2.)</code>		
<code>print(10 // -3.)</code>		
<code>print(10 / -3.)</code>		

Skill 4.2 Exercise 2		
Indicate the output		
Code	Output	
<code>print(19 % 2)</code>		
<code>print(9 % 2)</code>		
<code>print(4 % 2)</code>		
<code>print(2 % 2)</code>		
<code>print(1 % 2)</code>		
<code>print(10 % 4)</code>		
<code>print(21 % 4.5)</code>		

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Skill 4.2 Exercise 3	
Indicate the output. If an error occurs, indicate why.	
Code	Output
<code>print(2. * 12)</code>	
<code>print(2 - 12)</code>	
<code>print(7 / 0)</code>	
<code>print(11 // 100.)</code>	
<code>print(11 /3)</code>	
<code>print(-10 + 11)</code>	
<code>print(7 % -2)</code>	

Skill 4.3 Exercise 1	
If the exponentiation operator uses right-sided binding, what is the output for each of the following?	
Code	Output
<code>print(-3 ** 2)</code>	
<code>print(-2 ** 3)</code>	
<code>print(-(3 ** 2))</code>	

Skill 4.3 Exercise 2	
For each of the following, indicate the output. If an error occurs, indicate the error and why.	
Code	Output
<code>print(-12 // 2 - 2 ** 3 / 3 % 0)</code>	
<code>print(-12 // 2 - 2 ** 2 % 2 * 0)</code>	
<code>print(5 - 3 ** 2 + 3//2 % 2)</code>	
<code>print(2 + 6 / 3 // 2 + 2 ** 2)</code>	