Name :	Date :

All Ifs Worksheet

Write NO OUTPUT if the code does not print anything on the screen.

CODE	OUTPUT
int a = 30;	
if(a < 10)	in the second se
<pre>out.println("hello");</pre>	
<pre>out.println("always happens");</pre>	
int a = 8;	
if(a < 10)	
<pre>out.println("hello");</pre>	
else if(a > 10)	
out.println("goodbye");	
int b = 10;	
if(b < 2)	
out.println("one");	
else if $(b < 4)$	
out.println("two");	
else if (b < 8)	
out.println("three");	
int $c = 5$, $d = 8$;	
if(c < 10 && d > 10)	
out.println("hello");	
out.println("goodbye");	
int c = 5, d = 12;	
if(c < 10 && d > 10)	
out.println("hello");	
out.println("goodbye");	
int e = 7, f = 3;	
if $(e > 5 f > 10)$	
out.println("hello");	
else if(e > 2)	
out.println("goodbye");	
int g = -6;	
$if(q < 10)$ {	
if (g > 0) {	
out.println("one");	
}	
else{	
·	
<pre>out.println("two"); }</pre>	
1	
int g = <*1>;	Consider the code to the left:
if(q < 10) {	Consider the code to the left.
$if(q > 0)$ {	117. 1 1.1 1 .wis did 16 91
out.println("one");	What number could replace <*1> so that the word "one"
}	would be printed on the screen?
else if(g > 5){	
out.println("two");	What number could replace <*1> so that the word "two"
}	would be printed on the screen?
}	1
else if(g >= 10){	What number could replace <*1> so that the word "three"
if (g > 15) {	would be printed on the screen?
out.println("three");	would be printed on the sercen!
}	1171 / 1 11 1 mid 4 /4 /4 1/// **
else if(g < 15){	What number could replace <*1> so that the word "four"
out.println("four");	would be printed on the screen?
}	
}	

Name :	Date:	

If Else If Worksheet

Show the output of each block of code below.

1.

```
int a=30;
if(a<10)
   out.println("hello");
else if (a>10)
   out.println("goodbye");
2.
int b=4;
if(b<2)
   out.println("one");
else if(b<4)
  out.println("two");
else if(b<8)
   out.println("three");
3.
int c=5, d=8;
if(c<10 && d>10)
   out.println("hello");
out.println("goodbye");
4.
int e=7, f=3;
if(e>5 || f>10)
   out.println("hello");
else if (e>2)
   out.println("goodbye");
5.
int g=10;
if(g<10){
   if(g>0){
      out.println("one");
   else if (q>5) {
      out.println("two");
else if(g \ge 10){
   if(g>15){
      out.println("three");
   else if(g<15){
      out.println("four");
   }
```

OUTPUT	

<u>OUTPUT</u>	

OUTPUT	

OUTPUT	

OUTPUT	