

Boolesche Ausdrücke und Verzweigungen (1)

Lösungsweg Aufgabe 1:

```
int a = 18;  
int b = 24;  
int c = 6;  
boolean w = false;
```

a. (a-b > c) && (c != b/3)
 (18-24 > 6) && (6 != 24/3)
 (-6 > 6) && (6 != 8)
 false && true
 false

b. (c == b-a) && (b > a)
 (6 == 24-18) && (24 > 18)
 (6 == 6) && (24 > 18)
 true && true
 true

c. (a < 24) || (a + c >= b)
 (18 < 24) || (18 + 6 >= 24)
 true || true
 true

d. (w || a == c*3) && !(b <= a+c)
 (false || 18 == 6*3) && !(24 <= 18+6)
 (false || 18 == 18) && !(24 <= 24)
 (false || true) && !(true)
 true && false
 false

e. ((c*4 != b) || (a - b != c)) && !w
 ((6*4 != 24) || (18 - 24 != 6)) && !false
 ((24 != 24) || (-6 != 6)) && !false
 (false || true) && true
 true && true
 true