

Knowledge Organiser

```
## This is a test to understand which is higher value  
y = 4  
x = 7
```

```
if y >= x:           Testing if y is greater than or equal to x - prints Yes if it's true  
    print('Yes') ←  
else:               Prints No if it's not true  
    print('No') ←
```

In this example you are adding two test examples

```
x = 8  
y = 8  
  
if y > x:           First test  
    print('Y is greater') ←  
elif y < x:         Then test (second test)  
    print('X is greater') ←  
else:               Fallback option  
    print('They are the same') ←
```

```
## TEST: Can you write an if statement to see which value x or y has a lower  
## value
```

Python Keywords

Python has a set of keywords that are reserved words that cannot be used as variable names, function names, or any other identifiers:

Keyword	Description
and	A logical operator
as	To create an alias
assert	For debugging
break	To break out of a loop
class	To define a class
continue	To continue to the next iteration of a loop
def	To define a function
del	To delete an object
elif	Used in conditional statements, same as else if
else	Used in conditional statements
except	Used with exceptions, what to do when an exception occurs
False	Boolean value, result of comparison operations
finally	Used with exceptions, a block of code that will be executed no matter if there is an exception or not
for	To create a for loop
from	To import specific parts of a module