A

No

Yes

Yes

Is num1 > num3 ?

Yes

Is num1 > num2 ?

Is num3 > num1 ?

No

Yes

num2 is smallest

Num3 is greatest

num1 is greatest

Is num3 > num2 ?

No

Is num2 > num3 ?

Yes

Num2 is smallest

Num3 is smallest

A

No

Is num2 > num1 ?

B

Yes

No

Is num3 > num2?

Is num2 > num3?

Yes

Yes

num1 is smallest

num3 is greatest

num2 is greatest

num1 is smallest

Is num3 > num1?

No

num3 is smallest

Yes

Is num1 > num3?

Is num3 > num2 ?

Yes

Is num3 > num1 ?

B

Is num2 > num3 ?

No

Yes

Yes

num1 is smallest

num2 is greatest

num3 is greatest

num1 is smallest

Yes

Is num2 > num1 ?

No

Yes

num2 is smallest

Is num1 > num2 ?