Difference between throw and throws in Java

There are many differences between throw and throws keywords. A list of differences between throw and throws are given below:

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| **No.** | **throw** | **throws** |
| 1) | Java throw keyword is used to explicitly throw an exception. | Java throws keyword is used to declare an exception. |
| 2) | Checked exception cannot be propagated using throw only. | Checked exception can be propagated with throws. |
| 3) | Throw is followed by an instance. | Throws is followed by class. |
| 4) | Throw is used within the method. | Throws is used with the method signature. |
| 5) | You cannot throw multiple exceptions. | You can declare multiple exceptions e.g. public void method()throws IOException,SQLException. |

Java throw example

1. **void** m(){
2. **throw** **new** ArithmeticException("sorry");
3. }

Java throws example

1. **void** m()**throws** ArithmeticException{
2. //method code
3. }

Java throw and throws example

1. **void** m()**throws** ArithmeticException{
2. **throw** **new** ArithmeticException("sorry");
3. }