# Operators & expressions

Java Reference · Vocabulary in context

| Word | Example |
|---|---|
| **arithmetic** /əˈrɪθmətɪk/ | Adding and multiplying are **arithmetic**. |
| **integer division** /ˈɪntɪdʒə dɪˈvɪʒn/ | With **integer division**, 7 / 2 gives 3.<br>7 / 2 3 |
| **object** /ˈɒbdʒekt/ | Each car in the game is an **object**. |
| **wrapper class** /ˈræpə klæs/ | Integer is the **wrapper class** for int.<br>Integer int |
| **random** /ˈrændəm/ | Decay is **random**: we cannot say which nucleus decays next. |
| **cast** /kæst/ | (int) 3.9 is a **cast** that gives 3.<br>(int) 3.9 3 |



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