

Quiz 1 — Solutions

1.1 (e) (The name of a variable should begin with a letter.)

1.2 (a) (Commas are not allowed inside numerical constants.)

1.3 (c)

1.4 (e) ($1/2$ evaluates to 0 — see the note about integer divisions in Part I of the course.)

1.5 (b)

1.6 (c) (First **A** is squared, then the result is multiplied by **B**. Finally, the value of **C/A** is subtracted from the product.)

1.7 (e) (Again, $4/180$ evaluates to 0.)

1.8 (c) (**j** is multiplied by 2 five times inside the **do** - loop.)

1.9 (e) (The fourth statement should read `pi = 4.0 * atan(1.d0)` or `pi = 4.d0 * atan(1.d0)`. The function `atan` returns a **double precision** result only if its argument is a **double precision** expression.)