

1 Variables and data types – Part 1

—Answers

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Work through these after you have tried the questions yourself.

2.1 (a) `int`; (b) `double`; (c) `boolean`.

2.2 $2 + 12 = 14$ (multiply first).

2.3 $9 / 2 = 4$ (integer division) and $9 \% 2 = 1$ (the remainder).

2.4 4.5 (a decimal forces real division).

2.5 both 1 and 2 are `int`, so Java does integer division and truncates the result 0.5 down to 0.