

```

PROCEDURE Floats*;
VAR
  a, b, c, s, t, u, x, y : SHORTREAL;          (* REAL / SHORTREAL *)
BEGIN
  a := 10000000.;
  b := 3.;
  c := 3333333.;

  x := a * (a / b - c) - c;                      (* Correct to 5 / 5 digits *)

  s := a / b;
  t := s - c;
  u := a * t;
  y := u - c;                                     (* Correct to 2 / -6 digits *)
END Floats;

```

'Correct' answer: 0.33333333333333

	BlackBox	C#
REAL x :	0.333332575	0.3348855
REAL y :	0.334885538	0.3348855
SHORTREAL x :	0.333332568	0.3348855
SHORTREAL y :	-833333.0	-833333.0