1. Calculate $x = 22/7$ if x is real.

2. Calculate $x = 22.0/7$ if x is real.

3. Calculate $x = 22/7.0$ if x is real.

4. Calculate $x = 22/7$ if x is real*8.

5. Calculate $x = 22.0/7$ if x is real*8.

6. Calculate $x = 22/7.0$ if x is real*8.

7. Calculate $x = 22/7$ if x is integer.

8. Calculate $x = 22.0/7$ if x is integer.

9. Calculate $x = 22/7.0$ if x is integer.

10. Calculate $x = 22/7$ if x is real.

11. Calculate $x = 22.0/7$ if x is real.

12. what is y if $y = x$, $x = 22.0/7.0$, x is real and y is integer.

13. Calculate following by hand and from fortran $-a*b + c/d - e**f**g$ where $a = 1.0, b = 2.0, c = 3.0, d = 4.0, e = 5.0, f = 6.0, g = 7.0$. Does your answer match with calculated by fortran.