Exercises:

(1) What will the following expression evaluate to?
```
2+3^2*(2-1/2)
```

(2) Use R to find the area of a sphere with radius 2. Recall that the area of a sphere is

$$Area = 4\pi r^2$$

(3) The hottest inhabited place on earth is Dallol, Ethiopia. The average daily maximum was 41^oC from 1960-1966. How hot is that in fahrenheit?

(4) We want to calculate the area of a cylinder with radius *3* and height *2*. Recall the formula is

$$Area = 2\pi r^2 + 2\pi rh \qquad (or)$$
$$= 2\pi r(r + h)$$

Will this expression work? `2pi*3(3+2)`
If not, explain why not and fix the expression.