Math Pre-test

Keep track of your total math self-assessment score. For each question give yourself the following points:

0 points if you're pretty sure you can't do it
1 point if you think you could do it with a calculator
2 points if you think you could do it without a calculator

1. **2 + 2 =**
2. **16*16 =**
3. **10³ =**
4. **32 meters = ? kilometers**
5. **64 inches = ? feet**
6. Given that 1 inch = 2.5 cm, how many cm is 16 inches?
7. Given that 1 inch = 2.5 cm, how many inches is 16 cm?
8. **4³ =**
9. **\(\sqrt{25} =\)**
10. **\(\sqrt{54} =\)**
11. \((2\times10^4)\times(3\times10^3) =\)
12. If \(y = 2x + 3\), and \(x=3\), what is \(y\)?
13. If \(y = 2x + 3\), and \(y=10\), what is \(x\)?
14. **\(\sin(30) =\)**
15. **\(\arctan(1) =\)**