

CALCULATORS AND BEDMAS

BEDMAS is a trick to remember which order to do calculations in.

1. B = brackets
2. E = exponents
3. DM = division and multiplication (can be interchanged)
4. AS = addition and subtraction (can be interchanged)

Use your calculator and the BEDMAS rules to solve these questions.

Remember that your calculator has brackets to help you get through the problems in fewer steps.

1. $(3+2)^4$

2. $3^4 + 4^3$

3. $(3 \times 2) + (4 \times 6)$

4. $4.6^3 - 2.2^5$

5. $(4.5 - 2.1)^3 + 2(5.1 + 1.1)^3$

6. $\frac{(9+3)}{(1+5)}$

7. $\frac{2(4+7)}{3(2+8)}$

8. $\frac{\sqrt{9+16}}{7^2}$

9. $\frac{6.1}{\sqrt{3.2^3}}$

10. $2\left(1 + \frac{3}{5}\right) + 7$

11. $\left(3 - \frac{1}{2}\right)^2$

12. $3.2\left(2^2 + \frac{1}{4}\right)$

13. $6.1^3\left(\frac{2}{3} + 2.1^2\right)^4$

14. $\frac{15}{(2+0.123)^2}$

15. $(3+2) + 4(2+7)$

16. $\left(\frac{13.2}{(1.034)^3}\right)^2$

17. $\left(\frac{\sqrt{1.1^2 + 2.2^3}}{1.8}\right)^3$