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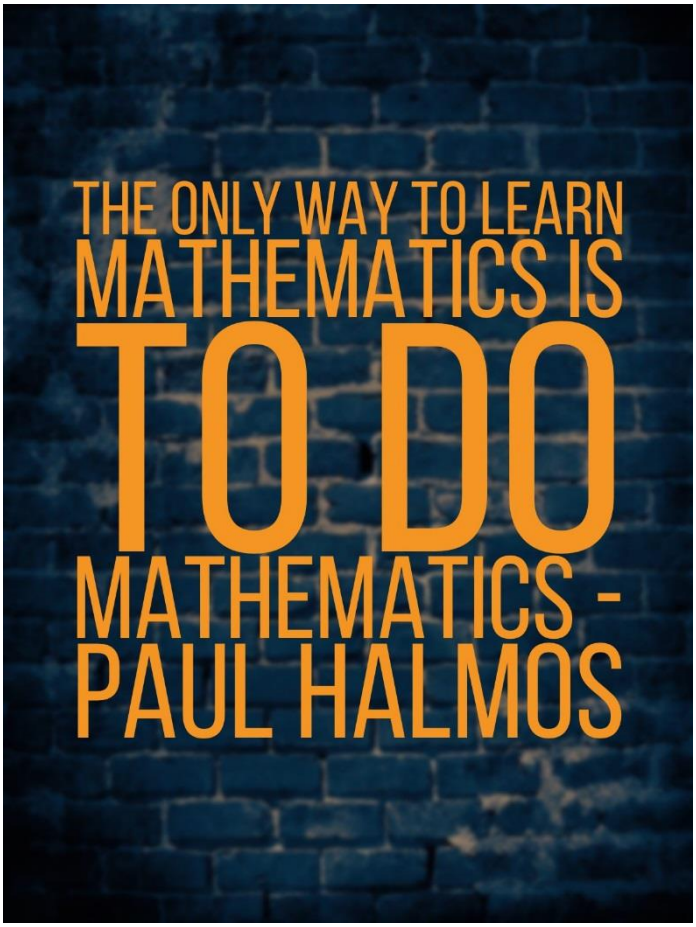
Student Mathematics workbook 2020



Student name

BEDMAS ASSIGNMENT

Bedmas homework assignment

The Casio fx-82MS calculator is a **bedmas** calculator.
If you load the correct sequence into your calculator you will get the correct answer, however one wrong button and your answer will be very wrong.

It is important therefore to understand the order of operations (**bedmas** rules) and to estimate a rough value to your calculation to check against your answer from your calculator. Calculating twice is also a good method of checking for keying errors. As an electrician checking and testing will become second nature as a requirement to safeguard lives, this philosophy starts here. Check your work.

Work out an estimate for each problem using **bedmas** rules, then solve twice on your calculator.

1) **3 x 4 + 8 =**
estimate = calculation 1 = calculation 2 =

2) **17 ÷ 8 + 5 =**
estimate = calculation 1 = calculation 2 =

3) **32 + 15 ÷ 4 =**
estimate = calculation 1 = calculation 2 =

4) **3 + (42 − 8) ÷ 2 =**
estimate = calculation 1 = calculation 2 =

5) **52 − 18 ÷ (27 ÷ 22) =**
estimate = calculation 1 = calculation 2 =

6) **(42 + 5) x (22 − 32) =**
estimate = calculation 1 = calculation 2 =

7) **3 − 10 x 0 ÷ 4 − 4 =**
estimate = calculation 1 = calculation 2 =

8) $\frac{\sqrt{16} - 2}{4}$ =
estimate = calculation 1 = calculation 2 =

9) **(62 − 22 ÷ 4 + (2 + 24)) 2 =**
estimate = calculation 1 =
calculation 2 =

10) **(42 ÷ 7 + 18 − √ 25 − 4) x 0 ÷ 25674399876 =**
estimate = calculation 1 =
calculation 2 =