

**Rounding and Estimations - www.m4ths.com****Question 1** – Round each number to 1 decimal place

7.84	6.32	9.89	10.73
14.785	10.341	19.123	100.879
300.1111	0.897	0.345	0.998

**Question 2** – Round each number to 2dp

14.864	9.108	1.543	3.9865
203.764	19.675	12.9875	14.001
0.9999	3.892	34.9865	18.117
15.7854	48.0098	13.777777	0.00881

**Question 3** – Round each to 1 Significant Figure

232	37	4.8	1820
13	1.2	68	156
0.58	2450	372	9.8
36.2	24	509.1	0.023

**Question 4** – Round each number to 2 SF

349	1.987	1189	3868
1.3987	14.6	0.00876	0.0543
305	913.2	378009	13022
0.00876	0.997	9.9998	908.9765

**Question 5** – Round each number to 3 SF

7686	1298	0.07865	13.87
92.786	11987	34.52	15.987
0.12345	370976	22690	0.9999999

**NON-CALCULATOR****FOR ESTIMATIONS/APROXIMATIONS YOU MUST!**

- (1) Round each number to 1 significant figure
- (2) Show the numbers you use in your calculations
- (3) Carry out the calculation and write your answer

**Question 6** – Using the rules above, without a calculator, find an approximation for each below:

- $34 \times 47$
- $5.7 \times 3.3$
- $120 \div 52$
- $1.8 + 12$
- $37 - 18$
- $\frac{64 \times 18}{27}$
- $(2.3 + 3.6)^2$
- $697 \times 3.7$
- $3.3 \times 12$
- $389 \div 113$
- $1.46 \times 9.3$
- $5890 \div 176$
- $52 \times 0.48$
- $\frac{427 \times 1.8}{96}$
- $912 \times 4.7$
- $\frac{32 \times 18}{0.53}$
- $0.82 \times 19$

**Extension** – Find the set of numbers that round to 410 correct to 2 significant figures.**Rounding and Estimations - www.m4ths.com****Question 1** – Round each number to 1 decimal place

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