



Name: _____



1) Round the following values to **1 significant figure**:

a) 5.37	5	b) 8.61	9	c) 43.6	40	d) 0.0517	0.05
e) 15.63	20	f) 0.873	0.9	g) 335.2	300	h) 0.0794	0.08
i) 3512	4000	j) 7.055	7	k) 14998	15000	l) 769.05	800

2) Round the following values to **2 significant figures**:

a) 5.681	5.7	b) 0.823	0.82	c) 691.44	690	d) 3514	3500
e) 7413	7400	f) 8.812	8.8	g) 88.88	89	h) 0.6031	0.60
i) 8052	8100	j) 3971	4000	k) 0.2804	0.28	l) 0.04518	0.045

3) Round the following values to **3 significant figures**:

a) 4812.5	4810	b) 605.91	606	c) 3476.61	3480
d) 0.005418	0.00542	e) 0.6644	0.664	f) 0.08009	0.0801
g) 32902	32900	h) 0.84693	0.847	i) 59.8991	59.9

4) Estimate the solutions to these calculations:

a) 45.5×3.45	150	j) $\frac{624}{12.3 \times 1.77}$	30
b) 185×11.4	2000	k) $\frac{9.6^2}{2.28^2}$	25
c) $\frac{18.74}{3.78}$	5	l) $\frac{3.1 \times 393}{1.78 \times 64.8}$	10
d) 4825×50.2	250000	m) $\frac{59.12 \times 603}{29.7}$	1200
e) $\frac{4076}{153.9}$	20	n) $\frac{18.45^3}{7.96}$	1000
f) $4.7^2 \times 23$	500	o) $\frac{\sqrt{8.923}}{2.39}$	1.5



Exam style question:

Charlene buys 78 packets of crisps at 31p each.
Estimate the total cost in pounds.

£24

