



S1

CFE Level 3

Working at Home Workbook

Rounding

Learning Intention. To be able to -
Round a number to any decimal place
Round a number to any given significant figure.
Estimate an answer using significant figures

Round a number to any decimal place

Question 1

1. Round each number to the nearest tenth.

a)	4.66	b)	1.31	c)	2.74
d)	3.86	e)	9.141	f)	9.929
g)	3.146	h)	6.745	i)	7.009

2. Round each number to the nearest hundredth.

a)	5.848	b)	1.815	c)	5.292
d)	5.635	e)	9.7944	f)	2.9325
g)	3.5818	h)	8.8762	i)	8.1008

Round a number to any given significant figure.

Question 2

1. Round each number to 1 significant figure.

a)	1453	b)	85	c)	156
d)	69999	e)	0.603	f)	3.752
g)	0.0211	h)	0.09456	i)	0.00089

2. Round each number to 2 significant figures.

- a) b) c) d)
e) f) g) h)

a)	8888	b)	123	c)	2050
d)	0.235	e)	1.256	f)	0.932
g)	0.608	h)	0.0523	i)	1.007

3. Round each number to the number of significant figures indicated.

a)	2.1875 (2 s.f.)	b)	2.1392 (3 s.f.)	c)	2379 (1 s.f.)
d)	24.821 (3 s.f.)	e)	0.2691 (1 s.f.)	f)	2.1875 (3 s.f.)

Estimate an answer using significant figures

Question 3

Round each number in the calculations below to 1 significant figure to estimate the value of calculation.

a)	12×34	b)	101×88	c)	$671 + 382$
d)	$1003 - 267$	e)	$781 - 399$	f)	578×102
g)	$8292 \div 98$	h)	$8930 + 2555$	i)	$12375 - 9999$