

fs4u

‘Approximation’

‘Hot To’ Booklet 35
Answers

Approximation

Decimal Places

a	i	15.4	ii	15.42	iii	15.421
b	i	5.8	ii	5.83	iii	5.826
c	i	9.5	ii	9.53	iii	9.529
d	i	6.5	ii	6.49	iii	6.492
e	i	0.3	ii	0.32	iii	0.321
f	i	2.9	ii	2.90	iii	2.903
g	i	5.1	ii	5.10	iii	5.099

Significant Places

a	i	10	ii	15	iii	14.7
b	i	0.3	ii	0.32	iii	0.322
c	i	0.04	ii	0.039	iii	0.0386
d	i	6	ii	5.8	iii	5.83
e	i	8	ii	8.3	iii	8.25
f	i	2000	ii	2400	iii	2390
g	i	0.06	ii	2400	iii	2390
h	i	0.008	ii	0.0085	iii	0.00847
i	i	0.01	ii	0.0095	iii	0.00952
j	i	0.04	ii	0.040	iii	0.0395
k	i	1	ii	1.0	iii	0.997

Suitable Degree of Accuracy

1	0.67m
2	3.2 g
3	67ml or 0.067 litre
4	0.17 lb
5	1.8m