



1. Round these numbers to the number of decimal places shown in the brackets :-

(a) 5.13 (1)	(b) 7.851 (1)	(c) 8.736 (2)	(d) 6.3492 (2)
(e) 4.8912 (3)	(f) 3.2915 (3)	(g) 47.999 24 (3)	(h) 3.999 88 (3).

2. Use your calculator to do the following and give your answer correct to 2 decimal places :-

(a) $4.36 + 6.447$	(b) 23.82×16.35	(c) $37.1 \div 68.3$	(d) $16 \div 7$.
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3. Do these calculations and round your answer to the number of decimal places shown in the brackets :-

(a) 2.58×0.247 (3)	(b) 0.394×6.555 (2)	(c) 6.274×1.983 (3)
(d) $0.58 \div 3.267$ (3)	(e) $16.27 \div 19.443$ (1)	(f) $0.7 \times 0.19 \times 0.87$ (4).

4.
 - (a) Nine people share £14. How much does each receive ?
 - (b) Share £27.98 amongst 3 people.
What is the maximum amount each person can receive ?

5. How many **significant figures** does each number have in the following context :-
 - (a) There are 700 pennies in £7.
 - (b) The cost of a soft toy is exactly £7.50.
 - (c) There are 180° in a half-turn.
 - (d) The volume of a small bottle of juice is 200 ml, correct to the nearest 100 ml.

6. How many significant figures are there in each of these numbers :-

(a) 62.0	(b) 3.00	(c) 1.009	(d) 40.7
(e) 26.30	(f) 0.741	(g) 0.027	(h) 0.000 90 ?

7. Round each number to 1 significant figure :-

(a) 53	(b) 2679	(c) 0.251	(d) 0.000 815.
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8. Round each number to 2 significant figures :-

(a) 308	(b) 5229	(c) 48.55	(d) 0.003 281.
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9. Round each number to 3 significant figures :-

(a) 9812	(b) 72 091	(c) 0.287 45	(d) 0.019 999.
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