

Rounding numbers sensibly

This task is about decimal place value and rounding decimal numbers.

To give sensible answers to calculations we often need to round. Round the following numbers.

- a) i) The number 5.16 rounded to the nearest tenth is _____
ii) The number 7.944 rounded to the nearest hundredth is _____
iii) The number 14.4626 rounded to the nearest thousandth is _____
- b) For each rounded number in the right hand column, write down one **possible** number, which could be rounded to the stated value, using the rule in the middle column. Write your answers in the left hand column. The first one has been done for you.

	Possible number	Rule for rounding	Stated value when rounded
Example	6.46	To the nearest tenth	6.5
i)		To the nearest tenth	7.3
ii)		To the nearest hundredth	11.35
iii)		To the nearest thousandth	14.756