

WALT: round whole numbers and decimals with 2/3 decimal places

(app MA2 level 5: round decimals to the nearest decimal place; order decimals that have a mixture of one, two or three decimal place)

(app MA2 level 4: check the reasonableness of results with reference to the context or size of number)

1.99	34.2	45.369	3.008	3.89	2.02	90.98	87.91
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Order these decimals on the grid from the smallest to the largest

Decimal	Rounded to nearest hundredth	Decimal	Rounded to nearest tenth	Decimal	Rounded to nearest whole

Rounding then compensating:

Sometimes in the mental SATs paper, you will be asked to calculate the total of 3 amounts of money. If you round these amounts to the nearest pound, add them up, then subtract the amount 'too much' you have added, you will be able to do this very quickly/

E.G. £1.99 (rounds to 2.00 (1p too much added))

£6.97 (rounds to 7.00 (3p too much added))

£4.88 (rounds to 5.00 (12p too much added))

£2 + £7 + £5 = £14 - 16p = £13.84

You try! Pick 3 of these amounts, round to find the total, then compensate - it will make you a star mathematician!

£3.98	£4.99	£5.98	£2.99	£4.98	£2.97	£1.99
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