

Calculation Guidelines for Gifted and Talented Children Working Beyond Primary Level

ADDITION

Extend to decimals with up to 2 decimal places, including:

- sums with different numbers of digits;
- totals of more than two numbers.

e.g. $76.56 + 312.2 + 5.07 = 398.83$

Use diagrams to illustrate adding fractions

$$\frac{2}{3} + \frac{1}{4} = \frac{11}{12}$$



Use compensation by adding too much, and then compensating

$$\begin{aligned} 4.7 + 2.9 &= 4.7 + 3 - 0.1 \\ &= 7.7 - 0.1 \\ &= 7.6 \end{aligned}$$

