



Printable assessments CAMI Mathematics: Grade 7

Addition and subtraction

1. Add the following numbers.

$$\begin{array}{r} \text{(a)} \quad 5 \ 8 \ 9 \ 4 \ 3 \ 5 \\ + 2 \ 3 \ 3 \ 5 \ 5 \ 8 \\ \hline \end{array}$$

$$\begin{array}{r} \text{(b)} \quad 2 \ 5 \ 9 \ 9 \ 9 \ 9 \\ + 1 \ 0 \ 0 \ 0 \ 0 \ 1 \\ \hline \end{array}$$

$$\begin{array}{r} \text{(c)} \quad 2 \ 5 \ 6 \ 6 \ 3 \ 8 \\ + 1 \ 6 \ 9 \ 5 \ 5 \ 3 \\ \hline \end{array}$$

$$\begin{array}{r} \text{(d)} \quad 4 \ 5 \ 4 \ 8 \ 7 \ 8 \\ + 2 \ 2 \ 3 \ 6 \ 6 \ 5 \\ \hline \end{array}$$

2. Subtract the following numbers.

$$\begin{array}{r} \text{(a)} \quad 5 \ 6 \ 8 \ 9 \ 7 \ 4 \\ - 3 \ 2 \ 2 \ 1 \ 5 \ 8 \\ \hline \end{array}$$

$$\begin{array}{r} \text{(b)} \quad 5 \ 6 \ 9 \ 8 \ 8 \ 1 \\ - 2 \ 6 \ 6 \ 5 \ 4 \ 2 \\ \hline \end{array}$$

$$\begin{array}{r} \text{(c)} \quad 5 \ 6 \ 9 \ 8 \ 0 \ 0 \\ - 1 \ 2 \ 3 \ 2 \ 9 \ 9 \\ \hline \end{array}$$

$$\begin{array}{r} \text{(d)} \quad 8 \ 9 \ 6 \ 3 \ 3 \ 2 \\ - 6 \ 2 \ 9 \ 9 \ 8 \ 1 \\ \hline \end{array}$$

3. Subtract using the breaking down method.

(a) $566\ 996 - 233\ 560$

(b) $453\ 638 - 210\ 121$



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MEMO

1. Add the following numbers. [1.2.6.9]

$$\begin{array}{r} (a) \quad 5 \ 8 \ 9 \ 4 \ 3 \ 5 \\ + 2 \ 3 \ 3 \ 5 \ 5 \ 8 \\ \hline \quad 8 \ 2 \ 2 \ 9 \ 9 \ 3 \end{array}$$

$$\begin{array}{r} (b) \quad 2 \ 5 \ 9 \ 9 \ 9 \ 9 \\ + 1 \ 0 \ 0 \ 0 \ 0 \ 1 \\ \hline \quad 3 \ 6 \ 0 \ 0 \ 0 \ 0 \end{array}$$

$$\begin{array}{r} (c) \quad 2 \ 5 \ 6 \ 6 \ 3 \ 8 \\ + 1 \ 6 \ 9 \ 5 \ 5 \ 3 \\ \hline \quad 4 \ 2 \ 6 \ 1 \ 9 \ 1 \end{array}$$

$$\begin{array}{r} (d) \quad 4 \ 5 \ 4 \ 8 \ 7 \ 8 \\ + 2 \ 2 \ 3 \ 6 \ 6 \ 5 \\ \hline \quad 6 \ 7 \ 8 \ 5 \ 4 \ 3 \end{array}$$

2. Subtract the following numbers. [1.3.7.4]

$$\begin{array}{r} (a) \quad 5 \ 6 \ 8 \ 9 \ 7 \ 4 \\ - 3 \ 2 \ 2 \ 1 \ 5 \ 8 \\ \hline \quad 2 \ 4 \ 6 \ 8 \ 1 \ 6 \end{array}$$

$$\begin{array}{r} (b) \quad 5 \ 6 \ 9 \ 8 \ 8 \ 1 \\ - 2 \ 6 \ 6 \ 5 \ 4 \ 2 \\ \hline \quad 3 \ 0 \ 3 \ 3 \ 3 \ 9 \end{array}$$

$$\begin{array}{r} (c) \quad 5 \ 6 \ 9 \ 8 \ 0 \ 0 \\ - 1 \ 2 \ 3 \ 2 \ 9 \ 9 \\ \hline \quad 4 \ 4 \ 6 \ 5 \ 0 \ 1 \end{array}$$

$$\begin{array}{r} (d) \quad 8 \ 9 \ 6 \ 3 \ 3 \ 2 \\ - 6 \ 2 \ 9 \ 9 \ 8 \ 1 \\ \hline \quad 2 \ 6 \ 6 \ 3 \ 5 \ 1 \end{array}$$

3. Subtract using the breaking down method. [1.7.10.10]

$$\begin{aligned} (a) \quad 566\ 996 &= 500\ 000 + 60\ 000 + 6\ 000 + 900 + 90 + 6 \\ - 233\ 560 &= 200\ 000 + 30\ 000 + 3\ 000 + 500 + 60 + 0 \\ \hline &= 300\ 000 + 30\ 000 + 3\ 000 + 400 + 30 + 6 \\ &= 333\ 436 \end{aligned}$$

$$\begin{aligned} (b) \quad 453\ 638 &= 400\ 000 + 50\ 000 + 3\ 000 + 600 + 30 + 8 \\ - 210\ 121 &= 200\ 000 + 10\ 000 + \quad 0 + 100 + 20 + 1 \\ \hline &= 200\ 000 + 40\ 000 + 3\ 000 + 500 + 10 + 7 \\ &= 243\ 517 \end{aligned}$$