



# Adding Decimal Numbers



Without using the calculator work out the following examples.

$$\begin{array}{r} 1. \quad 3.6 \\ + 2.2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 1.4 \\ + 1.5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 4.8 \\ + 3.1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 2.7 \\ + 1.0 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 3.5 \\ + 2.1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 2.5 \\ + 1.5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 1.3 \\ + 2.7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 2.8 \\ + 1.2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 3.6 \\ + 3.4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 4.1 \\ + 4.9 \\ \hline \\ \hline \end{array}$$

Find the missing digit or number in the following examples and then check your answers.

$$\begin{array}{r} 1. \quad 2.7 \\ + 2. \\ \hline 5.5 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 3.8 \\ + .5 \\ \hline 4.3 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 1.4 \\ + 3. \\ \hline 5.2 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 4. \\ + 3.9 \\ \hline 8.0 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 3.6 \\ + 2. \\ \hline 6.5 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 3.8 \\ + . \\ \hline 7.9 \\ \hline \end{array}$$

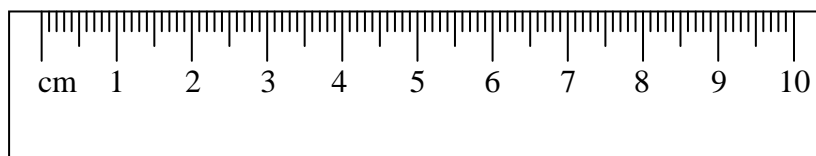
$$\begin{array}{r} 7. \quad 2.3 \\ + . \\ \hline 5.9 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 3.6 \\ + . \\ \hline 5.2 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 4.7 \\ + . \\ \hline 8.0 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad . \\ + 4.6 \\ \hline 9.4 \\ \hline \end{array}$$

Use the ruler to add the following decimal measurements and then check your work.



(The ruler is not to scale)

$$\begin{array}{r} 1. \quad 2.8 \text{ cm} \\ + 2.2 \text{ cm} \\ \hline \\ \hline \end{array}$$

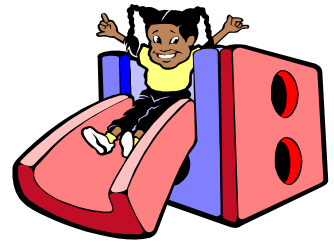
$$\begin{array}{r} 2. \quad 2.3 \text{ cm} \\ + 3.8 \text{ cm} \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 4.1 \text{ cm} \\ + 4.7 \text{ cm} \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 1.9 \text{ cm} \\ + 3.6 \text{ cm} \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 3.4 \text{ cm} \\ + 4.9 \text{ cm} \\ \hline \\ \hline \end{array}$$

# Subtracting Decimal Numbers



Without using the calculator work out the following examples.

- |  |  |  |  |   |
|--|--|--|--|---|
| 1. $\begin{array}{r} 3.8 \\ - 2.5 \\ \hline \\ \hline \end{array}$ | 2. $\begin{array}{r} 6.3 \\ - 3.7 \\ \hline \\ \hline \end{array}$ | 3. $\begin{array}{r} 5.6 \\ - 0.8 \\ \hline \\ \hline \end{array}$ | 4. $\begin{array}{r} 4.3 \\ - 2.5 \\ \hline \\ \hline \end{array}$ | 5. $\begin{array}{r} 4.7 \\ - 2.9 \\ \hline \\ \hline \end{array}$  |
| 6. $\begin{array}{r} 6.5 \\ - 5.6 \\ \hline \\ \hline \end{array}$ | 7. $\begin{array}{r} 5.1 \\ - 4.2 \\ \hline \\ \hline \end{array}$ | 8. $\begin{array}{r} 4.7 \\ - 3.8 \\ \hline \\ \hline \end{array}$ | 9. $\begin{array}{r} 3.0 \\ - 1.1 \\ \hline \\ \hline \end{array}$ | 10. $\begin{array}{r} 2.3 \\ - 1.5 \\ \hline \\ \hline \end{array}$ |

Look at the answers in questions 6 to 10.

What is common to all answers? \_\_\_\_\_

- |   |   |   |   |   |
|---|---|---|---|---|
| 11. $\begin{array}{r} 6.5 \\ - 5.7 \\ \hline \\ \hline \end{array}$ | 12. $\begin{array}{r} 5.1 \\ - 4.3 \\ \hline \\ \hline \end{array}$ | 13. $\begin{array}{r} 5.7 \\ - 2.9 \\ \hline \\ \hline \end{array}$ | 14. $\begin{array}{r} 6.0 \\ - 1.2 \\ \hline \\ \hline \end{array}$ | 15. $\begin{array}{r} 4.3 \\ - 0.5 \\ \hline \\ \hline \end{array}$ |
|---|---|---|---|---|

Look at the answers in questions 11 to 15.

What is common to all answers? \_\_\_\_\_

What can you conclude? \_\_\_\_\_

Now use your conclusion to work the following examples:

- |   |   |   |   |   |
|---|---|---|---|---|
| 16. $\begin{array}{r} 4.8 \\ - 3.9 \\ \hline \\ \hline \end{array}$ | 17. $\begin{array}{r} 3.7 \\ - 1.9 \\ \hline \\ \hline \end{array}$ | 18. $\begin{array}{r} 5.2 \\ - 3.5 \\ \hline \\ \hline \end{array}$ | 19. $\begin{array}{r} 6.4 \\ - 3.5 \\ \hline \\ \hline \end{array}$ | 20. $\begin{array}{r} 4.1 \\ - 1.6 \\ \hline \\ \hline \end{array}$ |
|---|---|---|---|---|

Find the missing digit or number. Then check your answers.

- |  |  |   |
|--|--|---|
| 21. $\begin{array}{r} 4.7 \\ - 1. \\ \hline 2.9 \\ \hline \end{array}$ | 22. $\begin{array}{r} 6.4 \\ - 1. \\ \hline 4.6 \\ \hline \end{array}$ | 23. $\begin{array}{r} . \\ - 2.6 \\ \hline 5.0 \\ \hline \end{array}$ |
|--|--|---|