

## 1.4 ADDITION AND SUBTRACTION OF WHOLE NUMBERS

A. Add the following.

$$\begin{array}{r} 1. \ 6\ 445 \\ \ 543 \\ \ 321 \\ \underline{\ 34} \end{array}$$

$$\begin{array}{r} 2. \ 3\ 872 \\ \ 3\ 457 \\ \ \ 453 \\ \underline{\ \ 54} \end{array}$$

$$\begin{array}{r} 3. \ 83\ 765 \\ \ 21\ 789 \\ \ \ 5\ 086 \\ \underline{\ \ 312} \end{array}$$

$$\begin{array}{r} 4. \ 908\ 765 \\ \ \ 32\ 098 \\ \ \ 21\ 632 \\ \underline{\ \ 6\ 876} \end{array}$$

B. Find the missing number (x) in each addition question below.

$$\begin{array}{r} 1. \ 3 \\ \ 36 \\ \ \ x \\ \underline{274} \\ 328 \end{array}$$

$$\begin{array}{r} 2. \ x \\ \ \ 82 \\ \ 593 \\ \underline{208} \\ 1231 \end{array}$$

$$\begin{array}{r} 3. \ 5\ 678 \\ \ 4\ 492 \\ \ \ 106 \\ \underline{1\ 043} \\ \ \ x \end{array}$$

$$\begin{array}{r} 4. \ 175 \\ \ 250 \\ \ \ x \\ \underline{\ \ 6} \\ 503 \end{array}$$

$$\begin{array}{r} 5. \ 23\ 753 \\ \ \ \ x \\ \ \ 384 \\ \underline{2\ 756} \\ 39\ 302 \end{array}$$

$$\begin{array}{r} 6. \ 37 \\ \ 437 \\ \ \ \ x \\ \underline{\ \ 38} \\ 519 \end{array}$$

$$\begin{array}{r} 7. \ 1757 \\ \ \ \ x \\ \ 4256 \\ \underline{\ \ 369} \\ 6811 \end{array}$$

$$\begin{array}{r} 8. \ 635 \\ \ 6\ 423 \\ \ \ 340 \\ \underline{\ \ 953} \\ \ \ x \end{array}$$

C. Subtract each of the following.

$$\begin{array}{r} 1. \ 4\ 285 \\ \ 4\ 165 \end{array}$$

$$\begin{array}{r} 2. \ 52\ 987 \\ \underline{\ \ 274} \end{array}$$

$$\begin{array}{r} 3. \ 8\ 641 \\ \underline{5\ 798} \end{array}$$

$$\begin{array}{r} 4. \ 63\ 769 \\ \underline{29\ 876} \end{array}$$

D. Find the missing number (x) in each subtraction question below.

$$\begin{array}{r} 1. \ 673 \\ \underline{x} \\ 241 \end{array}$$

$$\begin{array}{r} 2. \quad x \\ 3\ 896 \\ \underline{\phantom{x}} \\ 631 \end{array}$$

$$\begin{array}{r} 3. \ 2\ 525 \\ \underline{1\ 983} \\ x \end{array}$$

$$\begin{array}{r} 4. \ 43\ 654 \\ \underline{\phantom{x}} \\ 5\ 778 \end{array}$$

$$\begin{array}{r} 5. \ 5\ 624 \\ \underline{\phantom{x}} \\ 4\ 641 \end{array}$$

$$\begin{array}{r} 6. \quad x \\ 277 \\ \underline{\phantom{x}} \\ 81 \end{array}$$

$$\begin{array}{r} 7. \ 5\ 984 \\ \underline{299} \\ x \end{array}$$

$$\begin{array}{r} 8. \quad x \\ 29\ 644 \\ \underline{\phantom{x}} \\ 38\ 299 \end{array}$$

E. State the name we use to describe each of the underlined numbers.

$$1. \ 14 + \underline{52} = 66 \quad \underline{\hspace{2cm}}$$

$$2. \ 86 - 35 = \underline{51} \quad \underline{\hspace{2cm}}$$

$$3. \ \underline{63} + 45 = 108 \quad \underline{\hspace{2cm}}$$

$$4. \ 57 - \underline{0} = 57 \quad \underline{\hspace{2cm}}$$

$$5. \ 93 = \underline{24} + 69 \quad \underline{\hspace{2cm}}$$

$$6. \ 48 = 52 - \underline{4} \quad \underline{\hspace{2cm}}$$

F. Add or subtract each of the following.

$$1. \ 3547 + 4668 + 763 =$$

$$2. \ 9843 - 567 =$$

$$3. \ 87\ 098 - 65\ 342 =$$

$$4. \ 76 + 865 + 98 =$$

$$5. \ 98\ 524 - 87\ 853 =$$

$$6. \ 76\ 654 - 43\ 211 =$$

$$7. \ 2 + 24 + 48 + 96 =$$

$$8. \ 23 + 456 + 789 =$$

$$9. \ 675 - 432 + 567 =$$

$$10. \ 432 - 65 - 73 - 32 =$$

G. Solve each of the following problems.

1. A book is 692 pages long and Carey has read 215 pages. How many pages does she have left to read?

2. There are 4456 boys and 3514 girls at the U of A. What is the total enrolment?

3. What is the sum of 34, 367, 24 987, 357, 3624 and 42?

4. If one of the addends is 476 and the sum is 3642, what is the other addend?

5. What is the difference between 84 506 and 37 398?

6. Find the perimeter of a triangle whose dimensions are 42 m, 86 m and 34 m.

7. The difference is 5204 and the minuend is 12 603. What is the subtrahend?

8. If the subtrahend is 7602 and the difference is 2304, what is the minuend?

9. The height of a tree is 246 cm. Last spring it was 198 cm. How much has it grown?

10. Two congruent angles in a triangle are each  $47^\circ$ . If the sum of all the angles in a triangle is  $180^\circ$ , what is the measure of the third angle?