

Unit 1

1. When adding whole numbers, the right column of numbers is added first.

ANS: T PTS: 1

2. In the number 3,567,890, the digit 8 is in the thousands place.

ANS: F PTS: 1

3. Add the following quantities to obtain the correct sum.

$$\begin{array}{r} 985 \text{ inches} \\ + 349 \text{ inches} \\ \hline \end{array}$$

ANS:
1,334 inches

PTS: 1

4. Add the following quantities to obtain the correct sum.

$$\begin{array}{r} 2,376 \text{ millimeters} \\ 515 \text{ millimeters} \\ 1,883 \text{ millimeters} \\ + 374 \text{ millimeters} \\ \hline \end{array}$$

ANS:
5,148 millimeters

PTS: 1

5. Add the following quantities to obtain the correct sum:

$$\begin{array}{r} 8,520' \\ 3,221' \\ 652' \\ + 9' \\ \hline \end{array}$$

ANS:
12,402'

PTS: 1

6. Add the following quantities to obtain the correct sum:

$$\begin{array}{r} 668 \text{ meters} \\ 498 \text{ meters} \\ 322 \text{ meters} \\ + 15 \text{ meters} \\ \hline \end{array}$$

ANS:
1,503 meters

PTS: 1

7. An assembly drawing contains six sheets of detail drawings. The number of details for these sheets are 6, 14, 6, 7, 5, and 9. What is the total number of details?

ANS:

47

PTS: 1

8. A CAD drafter obtains a directory of drawing files on a flash drive. The files contain the following number of bytes: 252,805; 177,913; 264,804; 5,988; 37,233; 1,655; and 3,544 bytes. What is the total number of bytes for the three smallest files on these flash drives?

ANS:

11,187 bytes

PTS: 1

9. A CAD drafter obtains a directory of drawing files on a flash drive. The files contain the following number of bytes: 252,805; 177,913; 264,804; 5,988; 37,233; 1,655; and 3,544 bytes. What is the total number of bytes for the three largest files on these flash drives?

ANS:

695,522 bytes

PTS: 1

10. A CAD drafter obtains a directory of drawing files on a flash drive. The files contain the following number of bytes: 252,805; 177,913; 264,804; 5,988; 37,233; 1,655; and 3,544 bytes. What is the total number of bytes for all the files on these flash drives?

ANS:

743,942 bytes

PTS: 1