

Example: Find the difference.

a.) $0.303 - 0.089$

$$\begin{array}{r} 0.\overset{2}{\cancel{3}}\overset{9}{\cancel{0}}\overset{3}{\cancel{3}} \\ - 0.089 \\ \hline 0.214 \end{array}$$

b.) $1.960 - 1.326$

$$\begin{array}{r} 1.\overset{0}{9}\overset{5}{\cancel{6}}\overset{10}{\cancel{0}} \\ - 1.326 \\ \hline 0.634 \end{array}$$

Example: Find the difference.

c.) 32.86149

- 3.94924

$$\boxed{28.91225}$$

d.) 7.5124

- 2.4639

$$\boxed{5.0485}$$

Example: Find the difference.

e.) $0.7175 - 0.5374$

$$\begin{array}{r} 0.\overset{6}{\cancel{7}}\overset{11}{\cancel{1}}75 \\ - 0.5374 \\ \hline 0.1801 \end{array}$$

f.) $8 - 4.42996$

$$\begin{array}{r} 7\overset{9}{\cancel{8}}.\overset{9}{\cancel{0}}\overset{9}{\cancel{0}}\overset{9}{\cancel{0}}\overset{9}{\cancel{0}}\overset{10}{\cancel{0}} \\ - 4.42996 \\ \hline 3.57004 \end{array}$$

Example: At a local sanctuary, the largest African elephant weighs 6.4 tons. The largest Asian elephant weighs 4.36 tons. How many more tons is the African elephant than the Asian elephant?

$$\begin{array}{r} 6.\overset{3}{\cancel{4}}\overset{10}{\cancel{0}} \\ - 4.36 \\ \hline 2.04 \text{ tons} \end{array}$$

Example: Mary makes \$76.32 on Thursday and \$62.54 on Friday. How much more money did Mary make on Thursday than on Friday?

$$\begin{array}{r} 76.32 \\ - 62.54 \\ \hline 13.78 \end{array}$$

The handwritten calculation shows the subtraction of 62.54 from 76.32. Red annotations indicate borrowing: a '5' is written above the 6, and '12' is written above the 3 and 2. The result, 13.78, is enclosed in a blue box.

Example: A geologist measures a sample and finds it is 18.7 meters long. At another geological site, he measures a second sample and finds it is 18.93 meters long. How much longer is the second sample than the first?

$$\begin{array}{r} 18.93 \\ - 18.70 \\ \hline 0.23 \text{ meters} \end{array}$$

The handwritten calculation shows the subtraction of 18.70 from 18.93. The result, 0.23 meters, is enclosed in a blue box.