

COUNTDOWN CHALLENGE

Comparing Decimal Problems to Non-Decimal Problems

We use both decimal and non-decimal numbers everyday. Complete the following subtraction problems to strengthen your understanding of the difference between the two kinds of numbers. You will probably strengthen your enthusiasm for decimals, too!

Decimal Numbers

Measurement: Metric Units

$$\begin{array}{r} 1) \quad 6.1 \text{ km} \\ - 2.2 \text{ km} \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 6.1 \text{ cm} \\ - 2.2 \text{ cm} \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 6.1 \text{ mm} \\ - 2.2 \text{ mm} \\ \hline \end{array}$$

Money

$$\begin{array}{r} 1) \quad \$ 600.30 \\ - \$ 200.40 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad \$ 60.30 \\ - \$ 20.40 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad \$ 6.30 \\ - \$ 2.40 \\ \hline \end{array}$$

Hindu-Arabic Numeration System

$$\begin{array}{r} 1) \quad 600.13 \\ - 200.14 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 60.13 \\ - 20.14 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 6.1323 \\ - 2.1424 \\ \hline \end{array}$$

Non-Decimal Numbers

Measurement: U.S. (Imperial) Units

$$\begin{array}{r} 1) \quad 6 \text{ miles, 1 foot} \\ - 2 \text{ miles, 2 feet} \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 6 \text{ yards, 1 foot} \\ - 2 \text{ yards, 2 feet} \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 6 \text{ feet, 1 inch} \\ - 2 \text{ feet, 2 inches} \\ \hline \end{array}$$

Time: Calendar

$$\begin{array}{r} 1) \quad 6 \text{ years, 3 months} \\ - 2 \text{ years, 4 months} \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 6 \text{ years, 3 weeks} \\ - 2 \text{ years, 4 weeks} \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 6 \text{ weeks, 3 days} \\ - 2 \text{ weeks, 4 days} \\ \hline \end{array}$$

Time: Clock

$$\begin{array}{r} 1) \quad 6 \text{ days, 13 hours} \\ - 2 \text{ days, 14 hours} \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 6 \text{ hours, 13 minutes} \\ - 2 \text{ hours, 14 minutes} \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 6 \text{ hours, 13 minutes, 23 seconds} \\ - 2 \text{ hours, 14 minutes, 24 seconds} \\ \hline \end{array}$$