

# MathFLIX 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* —————

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

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

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

————— *Time: Calendar* —————

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

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

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

————— *Time: Clock* —————

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

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

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