

Recognizing Roman numerals: I, V, X, L, C, D and M

We use **Arabic numerals** to write numbers. The early Romans used different notation, as shown below.

Roman	I	V	X	L	C	D	M
Arabic	1	5	10	50	100	500	1,000

Roman numerals are written by putting them in order from greatest to least value.

In order to change from Roman to Arabic, the values of each numeral are then added.

This system does not have place value the way Arabic does.

①
$$\begin{array}{r} \text{XVI} = \frac{10}{5} \\ + 1 \\ \hline 16 \end{array}$$

②
$$\begin{array}{r} \text{CLXX} = \frac{100}{50} \\ \quad \quad 10 \\ + 10 \\ \hline 170 \end{array}$$

③ XVIII = _____

④ CCL = _____

In any given number, a Roman numeral can only be repeated 3 times. To allow for numbers like 4 or 9, if a lesser value numeral precedes a numeral of greater value, the lesser value numeral is subtracted instead of added.

⑤
$$\text{MXXIV} = 1,000 + 20 + \frac{4}{(5-1)} = 1,024$$

⑥ CIX = _____

⑦ DLIV = _____

⑧ XCII = _____

LXXIV = _____

CCXLIV = _____

318

$$\begin{array}{r} .8 \\ 3.75 \\ + .78 \\ \hline \end{array}$$

$$\begin{array}{r} 5.02 \\ - .18 \\ \hline \end{array}$$

$$\begin{array}{r} .74 \\ .8 \\ + 2.35 \\ \hline \end{array}$$

A 14.06

$$38 \overline{)84}$$

$$1 \overline{)207}$$

$$7 \overline{)4,837}$$

B 900 r8

Circle the denominator of the fraction in the set with the least value.

$$\left(\frac{9}{3}, \frac{6}{6}, \frac{5}{2}, \frac{14}{7}, \frac{6}{5} \right)$$

$$\frac{9}{4} =$$

$$\frac{18}{4} =$$

C $12 \frac{3}{4}$

Select the number from the given set to fill in the blank

$$\begin{array}{r} 264 \\ \times 83 \\ \hline \end{array}$$

$$\begin{array}{r} 393 \\ \times 27 \\ \hline \end{array}$$

D 35,968

(4,312 ; 3,454 ; 3,445 ; 3,545)

$$3,449 > \underline{\hspace{2cm}}$$