

Pretest

If a student misses more than 1 problem in a level, take the competency exam for that level. For example, if a student misses 2 problems in the Gamma level, take the Gamma Competency Exam.

Alpha

$$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$$

$9 + 7 = \underline{\quad}$

$12 - 5 = \underline{\quad}$

Beta

$$\begin{array}{r} 34 \\ + 57 \\ \hline \end{array}$$

$$\begin{array}{r} 426 \\ + 108 \\ \hline \end{array}$$

$$\begin{array}{r} 304 \\ - 98 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ - 67 \\ \hline \end{array}$$

$79 + 251 = \underline{\quad}$

$100 - 49 = \underline{\quad}$

Gamma

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

$8 \times 7 = \underline{\quad}$

$$\begin{array}{r} 59 \\ \times 13 \\ \hline \end{array}$$

$$\begin{array}{r} 142 \\ \times 67 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ \times 96 \\ \hline \end{array}$$

Delta

$48 \div 8 = \underline{\quad}$

$\frac{72}{9} = \underline{\quad}$

$7 \overline{)42}$

$7 \overline{)251}$

$23 \overline{)1,068}$

$37 \overline{)2,555}$

Epsilon

$\frac{2}{3} \times \frac{4}{7} = \underline{\quad}$

$\frac{3}{5} + \frac{6}{11} = \underline{\quad}$

$\frac{5}{8} \div \frac{1}{4} = \underline{\quad}$

$\frac{3}{4} - \frac{2}{9} = \underline{\quad}$

$2\frac{1}{3} + 1\frac{2}{5} = \underline{\quad}$

$10\frac{3}{4} - 7\frac{7}{9} = \underline{\quad}$

$4\frac{1}{6} \times 11\frac{3}{7} = \underline{\quad}$

$3\frac{4}{5} \div 1\frac{1}{2} = \underline{\quad}$

Zeta

$$\begin{array}{r} 15.78 \\ + 6.49 \\ \hline \end{array}$$

$$\begin{array}{r} 206.3 \\ - 18.17 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ \times .7 \\ \hline \end{array}$$

$$\begin{array}{r} 2.64 \\ \times .39 \\ \hline \end{array}$$

$.07 \overline{)59}$

$2.5 \overline{)1.06}$

$8 \overline{).42}$

Solutions

Alpha

$$\begin{array}{r} 7 \\ + 5 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 8 \\ + 6 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 13 \\ - 8 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array}$$

$9 + 7 = \underline{16}$

$12 - 5 = \underline{7}$

Beta

$$\begin{array}{r} 34 \\ + 57 \\ \hline 91 \end{array}$$

$$\begin{array}{r} 426 \\ + 108 \\ \hline 534 \end{array}$$

$$\begin{array}{r} 304 \\ - 98 \\ \hline 206 \end{array}$$

$$\begin{array}{r} 83 \\ - 67 \\ \hline 16 \end{array}$$

$79 + 251 = \underline{330}$

$100 - 49 = \underline{51}$

Gamma

$$\begin{array}{r} 4 \\ \times 6 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline 54 \end{array}$$

$8 \times 7 = \underline{56}$

$$\begin{array}{r} 59 \\ \times 13 \\ \hline 767 \end{array}$$

$$\begin{array}{r} 142 \\ \times 67 \\ \hline 9514 \end{array}$$

$$\begin{array}{r} 83 \\ \times 96 \\ \hline 7968 \end{array}$$

Delta

$48 \div 8 = \underline{6}$

$\frac{72}{9} = \underline{8}$

$7 \overline{)42}^6$

$7 \overline{)251}^{35r6}$

$23 \overline{)1,068}^{46r10}$

$37 \overline{)2,555}^{69r2}$

Epsilon

$\frac{2}{3} \times \frac{4}{7} = \frac{8}{21}$

$\frac{3}{5} + \frac{6}{11} = \frac{63}{55}$

$\frac{5}{8} \div \frac{1}{4} = 2\frac{1}{2}$

$\frac{3}{4} - \frac{2}{9} = \frac{19}{36}$

$2\frac{1}{3} + 1\frac{2}{5} = 3\frac{11}{15}$

$10\frac{3}{4} - 7\frac{7}{9} = 2\frac{35}{36}$

$4\frac{1}{6} \times 11\frac{3}{7} = 47\frac{13}{21}$

$3\frac{4}{5} \div 1\frac{1}{2} = 2\frac{8}{15}$

Zeta

$$\begin{array}{r} 15.78 \\ + 6.49 \\ \hline 22.27 \end{array}$$

$$\begin{array}{r} 206.3 \\ - 18.17 \\ \hline 188.13 \end{array}$$

$$\begin{array}{r} 89 \\ \times .7 \\ \hline 62.3 \end{array}$$

$$\begin{array}{r} 2.64 \\ \times .39 \\ \hline 1.0296 \end{array}$$

$$\begin{array}{r} 842.86 \\ .07 \overline{)59} \end{array}$$

$$2.5 \overline{).424}$$

$$8 \overline{).0525}$$