

Y6 Multiplication and division revision- to be handed in 13th March 2017.

Q1. Work these answers out in your head. Use jottings to assist.

a) 12×20 b) 15×30 c) 30×19 d) $160 \div 40$ e) $390 \div 30$ f) $4900 \div 70$

g) 42×300 h) 7.1×80 i) 8.3×60 j) $36 \div 30$ k) $8.4 \div 40$ l) $2.8 \div 700$

Q2. Use column multiplication (or the grid method) to solve these:

a) $\begin{array}{r} 23 \\ \times 4 \\ \hline \end{array}$ b) $\begin{array}{r} 36 \\ \times 5 \\ \hline \end{array}$ c) $\begin{array}{r} 46 \\ \times 6 \\ \hline \end{array}$ d) $\begin{array}{r} 174 \\ \times 7 \\ \hline \end{array}$ e) $\begin{array}{r} 269 \\ \times 8 \\ \hline \end{array}$

f) $\begin{array}{r} 63.4 \\ \times 5 \\ \hline \end{array}$ g) $\begin{array}{r} 75.7 \\ \times 6 \\ \hline \end{array}$ h) $\begin{array}{r} 81.2 \\ \times 7 \\ \hline \end{array}$ i) $\begin{array}{r} 549 \\ \times 12 \\ \hline \end{array}$ j) $\begin{array}{r} 671 \\ \times 23 \\ \hline \end{array}$ k) $\begin{array}{r} 894 \\ \times 35 \\ \hline \end{array}$

Q3. Use the inverse to solve these problems mentally:

a) $24 \div \underline{\quad} = 6$ b) $45 \div \underline{\quad} = 9$ c) $\underline{\quad} \times 8 = 40$ d) $\underline{\quad} \div 4 = 28$

e) $8 \times \underline{\quad} = 48$ f) $\underline{\quad} \times 3 = 36$ g) $\underline{\quad} \div 7 = 6$ h) $35 \div \underline{\quad} = 5$

Q4. Use short division or chunking to solve these problems:

(Use chunking when you need to divide by more than 10)

a) $67 \div 5$ b) $87 \div 6$ c) $167 \div 7$ d) $354 \div 6$ e) $46.7 \div 5$

f) $39.4 \div 8$ g) $31.9 \div 9$ h) $372 \div 12$ i) $743 \div 15$ j) $1344 \div 24$