

TAKE 5 ... FRACTION ARITHMETIC

Q1. Work out $8\frac{1}{3} \times 1\frac{2}{5}$ Give your answer as a mixed number in its simplest form.

(3)

Q2.(a) Work out $2\frac{1}{4} \times 3\frac{1}{3}$ Give your answer as a mixed number in its simplest form.

(3)

(b) Write the numbers 3, 4, 5 and 6 in the boxes to give the greatest possible total. You may write each number only once.

$$\begin{array}{|c|} \hline \square \\ \hline \end{array} \frac{1}{\begin{array}{|c|} \hline \square \\ \hline \end{array}} + \begin{array}{|c|} \hline \square \\ \hline \end{array} \frac{2}{\begin{array}{|c|} \hline \square \\ \hline \end{array}}$$

(1)

Q3. Work out $(4\frac{3}{5} - 2\frac{2}{3}) \div 2\frac{1}{3}$

(4)

Q4. Work out $2\frac{3}{5} - 1\frac{5}{6}$

(3)

Q5. John makes clay cups. He makes 18 cups each hour.
He makes cups for $6\frac{1}{2}$ hours each day, on 5 days of the week.
The cups are packed in boxes. 4 cups are packed into each box.
How many boxes are needed for all the cups John makes in a week?

(4)