



nrich
enriching mathematics

Largest Product

$$\begin{array}{r} 3 \times 3 \times 4 = 10 \\ 3 \times 3 \times 4 = 36 \end{array}$$

$$\begin{array}{r} 3.3 + 6.7 = 10 \\ 3.3 \times 6.7 = 22.11 \end{array}$$

$$\begin{array}{r} 5 + 5 = 10 \\ 5 \times 5 = 25 \end{array}$$

$$\begin{array}{r} 1 + 9 = 10 \\ 1 \times 9 = 9 \end{array}$$

$$\begin{array}{r} 1 \times 2 \times 3 \times 4 = 10 \\ 1 \times 2 \times 3 \times 4 = 24 \end{array}$$

What is the greatest product that can be made from numbers that add up to 10?

Thousands more problems can be found on the NRICH maths website:

<http://nrich.maths.org>