



Shape Times Shape

The coloured shapes stand for eleven of the numbers from 0 to 12.

Each shape is a different number.

Can you work out what they are?

$$\square \times \square \times \square = \bigcirc \quad \square \times \square = \star$$

$$\text{purple square} \times \text{orange oval} = \text{yellow semi-circle}$$
$$\text{purple square} \times \text{purple star} = \text{blue hexagon}$$

$$\boxed{\quad} \times \boxed{\text{orange circle}} = \boxed{\text{red circle}} \quad \boxed{\quad} \times \boxed{\text{yellow diamond}} = \boxed{\quad}$$

$$\text{□} \times \text{□} = \triangle \quad \text{◇} \times \text{□} = \text{□}$$

$$\triangle \times \square = \circ \quad \square \times \triangle = \triangle$$

$$\textcolor{purple}{\square} \times \textcolor{purple}{\square} = \textcolor{orange}{\circ} \quad \textcolor{red}{\triangle} \times \textcolor{yellow}{\triangle} = \textcolor{red}{\triangle}$$

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

www.nrich.maths.org