



# Largest Product



$$3 + 3 + 4 = 10$$
$$3 \times 3 \times 4 = 36$$

$$3.3 + 6.7 = 10$$
$$3.3 \times 6.7 = 22.11$$

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

$$1 + 9 = 10$$
$$1 \times 9 = 9$$

$$5 + 5 = 10$$
$$5 \times 5 = 25$$

$$1 + 2 + 3 + 4 = 10$$
$$1 \times 2 \times 3 \times 4 = 24$$



# Make 37



Four bags contain a large number of 1s, 3s, 5s and 7s.

Pick any ten numbers from the bags so that their total is 37.





# 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?**

$$\square \times \square \times \square = \text{Crescent}$$

$$\square \times \text{Oval} = \text{Crescent}$$

$$\text{Rectangle} \times \text{Oval} = \text{Circle}$$

$$\text{Rectangle} \times \square = \text{Triangle}$$

$$\text{Triangle} \times \square = \text{Circle}$$

$$\square \times \square = \text{Oval}$$

$$\text{Rectangle} \times \text{Rectangle} = \text{Star}$$

$$\square \times \text{Star} = \text{Hexagon}$$

$$\text{Rectangle} \times \text{Diamond} = \text{Rectangle}$$

$$\text{Diamond} \times \text{Hexagon} = \text{Hexagon}$$

$$\square \times \text{Inverted Triangle} = \text{Inverted Triangle}$$

$$\text{Inverted Triangle} \times \text{Crescent} = \text{Inverted Triangle}$$

