

## Task A: Challenge in Idea

Work out the value of each shape:

$$\begin{aligned} \text{Pentagon} + \text{Star} &= 13 \\ \text{Pentagon} + \text{Star} + \text{Star} + \text{Star} &= 35 \end{aligned}$$

$$\begin{aligned} \text{Oval} + \text{Diamond} &= 7 \\ \text{Oval} + \text{Circle} &= 9 \\ \text{Diamond} + \text{Circle} &= 6 \end{aligned}$$

## Task B: Challenge in Idea and Calculation

Work out the value of each shape:













$$\begin{aligned} \text{Pentagon} + \text{Star} &= 40 \\ \text{Pentagon} + \text{Star} + \text{Star} + \text{Star} &= 94 \end{aligned}$$

$$\begin{aligned} \text{Oval} + \text{Diamond} &= 40 \\ \text{Circle} + \text{Oval} &= 30 \\ \text{Diamond} + \text{Circle} &= 20 \end{aligned}$$

Another puzzle and the answers are on the next page.

## Puzzle

Work out the value of each shape:

				20
				16
				22
15	13	17	13	

### Answers:

**Task A:** Star = 11   Pentagon = 2  
Oval = 5   Diamond = 2   Circle = 4

**Task B:** Star = 27   Pentagon = 13  
Oval = 25   Diamond = 15   Circle = 5

**Puzzle:** Semi-circle = 5   Square = 7   Circle = 3