

# HALLOWEEN NUMBER PUZZLE

What is the value of each object?

$$\begin{array}{rclclcl}
 & & \text{skull} & + & \text{cat} & = & 21 \\
 \text{skull} & + & \text{skull} & + & \text{skull} & = & 25 \\
 \text{skull} & + & \text{skull} & + & \text{cat} & = & 30 \\
 13 & - & \text{cat} & + & \text{cat} & = & 13 \\
 \text{skull} & - & \text{skull} & + & \text{skull} & = & 7 \\
 \text{cat} & - & \text{skull} & + & \text{skull} & = & 12
 \end{array}$$

$$\text{skull} = 8 \quad \text{skull} = 9 \quad \text{cat} = 13$$

$$\begin{array}{rclclcl}
 \text{hat} & + & \text{hat} & + & \text{hat} & = & 30 \\
 \text{grave} & - & \text{grave} & + & \text{hand} & = & 5 \\
 5 & - & \text{hand} & + & \text{hat} & = & 10 \\
 \text{hand} & - & \text{hand} & + & \text{hat} & = & 10 \\
 \text{hat} & - & \text{hat} & + & \text{hand} & = & 5 \\
 \text{hand} & - & \text{hat} & + & \text{grave} & = & 9
 \end{array}$$

$$\text{grave} = 14 \quad \text{hat} = 10 \quad \text{hand} = 5$$