

MTH 2-15a

Homework 2

Bronze Level

Outcome 1 - Missing Numbers

What is the value of the missing numbers represented by shapes below?

$$\text{1} \quad 8 + \square = 11 \quad \text{2} \quad 6 + \triangle = 7$$

$$\text{3} \quad \bigcirc + 6 = 10 \quad \text{4} \quad \heartsuit + 5 = 11$$

$$\text{5} \quad 16 - \diamond = 9 \quad \text{6} \quad 19 - \text{pentagon} = 5$$

$$\text{7} \quad \star - 4 = 8 \quad \text{8} \quad \text{smiley face} - 15 = 2$$

Outcome 2 - Missing Symbols

What is the value of the missing symbols represented by shapes below?

$$\text{1} \quad 4 \square 3 = 7 \quad \text{2} \quad 8 \triangle 5 = 3$$

$$\text{3} \quad 4 \bigcirc 3 = 1 \quad \text{4} \quad 7 \heartsuit 7 = 14$$

$$\text{5} \quad 9 \diamond 1 = 10 \quad \text{6} \quad 1 \text{pentagon} 1 = 0$$

$$\text{7} \quad 9 \star 11 = 20 \quad \text{8} \quad 5 \text{smiley face} 2 = 3$$