

Problems of the Day 2020

Day
16

1 Here are 3 number patterns.

0	5	10	15	20	25	30
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27	37	47	57	67	77	87
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32	30	28	26	24	22	20
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What is the sum of the three missing numbers?

$$25 + 47 + 24 = 96$$

2 Work out the value of each symbol.

$$\triangle q + \triangle q = 18$$

$$18 \div 2 = 9$$

$$\triangle q + \diamond 21 = 30$$

$$30 - 9 = 21$$

$$\star 31 - \diamond 21 = 10$$

$$21 + 10 = 31$$