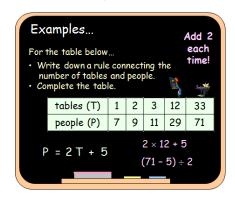
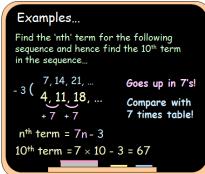
Outcome 1 - Linear Patterns/Calculating the nth term

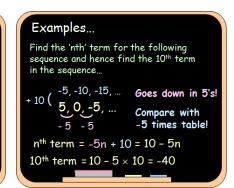
Bronze example



Silver example



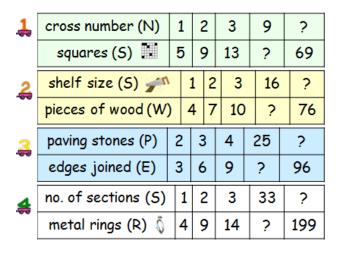
Gold example



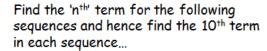
Bronze Questions

For the following tables...

- Write down a rule
- Complete the table



Silver Questions





Gold Questions

Find the 'nth' term for the following sequences and hence find the 10th term in each sequence...



Bronze Answers

1. 5 =	4N + 1	37,	17

Silver Answers

1.
$$3n - 3$$
, 10^{th} term = 27 2. $7n - 2$, 10^{th} term = 68

3.
$$7n + 5$$
, 10^{th} term = 75 4. $2n + 5$, 10^{th} term = 25

5.
$$7n - 1$$
, 10^{th} term = 69 6. $3n + 2$, 10^{th} term = 32

Gold Answers

1.
$$4-4n$$
, 10^{th} term = -36 2. $8-6n$, 10^{th} term = -52

3.
$$2-5n$$
, 10^{th} term = -48 4. $10-4n$, 10^{th} term = -30

5.
$$6 - 7n$$
, 10^{th} term = -64 6. $2 - 3n$, 10^{th} term = -28

7.
$$6 - 3n$$
, 10^{th} term = -24 8. $4 - 7n$, 10^{th} term = -66

9.
$$6 - 6n$$
, 10^{th} term = -54 10. $8 - 3n$, 10^{th} term = -22