mobius
Polynomials - Complete the Square (to Constant)

1 What constant value would make this polynomial a perfect square?

$$z^2 - 14z + ?$$

A	B	C	D	E	F
36	49	81	20	16	78

2 What constant value would make this polynomial a perfect square?

$$p^2 + 8p + ?$$

A	B	C	D	E	F
32	25	22	16	9	0

3 What constant value would make this polynomial a perfect square?

$$x^2 - 16x + ?$$

A	B	C	D	E	F
64	121	49	48	100	32

4 What constant value would make this polynomial a perfect square?

$$x^2 + 4x + ?$$

A	B	C	D	E	F
25	9	6	19	4	1

5 What constant value would make this polynomial a perfect square?

$$z^2 + 4z + ?$$

A	B	C	D	E	F
-1	-5	4	0	-4	1

6 What constant value would make this polynomial a perfect square?

$$n^2 + 6n + ?$$

A	B	C	D	E	F
31	6	4	35	16	9

7 What constant value would make this polynomial a perfect square?

$$p^2 + 14p + ?$$

A	B	C	D	E	F
16	49	36	14	76	44

8 What constant value would make this polynomial a perfect square?

$$t^2 + 8t + ?$$

A	B	C	D	E	F
16	49	5	9	36	4