Polynomial Algebra Difference of Squares - Integers to Answer

1 Find the value of this expression without using a calculator

$$155^2 - 145^2$$

A	B	C	D	E	F
3,300	5,100	5,400	600	300	3,000

2 Find the value of this expression without using a calculator

$$350^2 - 250^2$$

A	30,000	B	12,000
C	54,000	D	36,000
E	6,000	F	60,000

3 Find the value of this expression without using a calculator

$$455^2 - 445^2$$

A	B	C	D	E	F
9,000	3,600	6,300	2,700	1,800	900

4 Find the value of this expression without using a calculator

$$2,050^2 - 1,950^2$$

A	240,000	B	480,000
C	760,000	D	400,000
E	120,000	F	320,000

5 Find the value of this expression without using a calculator

$$2,005^2 - 1,995^2$$

A	64,000	B	76,000
C	40,000	D	56,000
E	4,000	F	12,000

6 Find the value of this expression without using a calculator

$$255^2 - 245^2$$

A	B	C	D	E	F
8,500	5,000	1,500	4,000	1,000	5,500

7 Find the value of this expression without using a calculator

$$500^2 - 400^2$$

A	72,000	B	27,000
C	36,000	D	117,000
E	90,000	F	108,000

8 Find the value of this expression without using a calculator

$$1,550^2 - 1,450^2$$

A	150,000	B	60,000
C	210,000	D	510,000
E	360,000	F	300,000