



## Exponents - Negative Base Expanded



**1** Find the answer when this number is multiplied by itself as shown

$$(-12) \times (-12)$$

A	-12	B	-10
C	144	D	141
E	-1,728	F	20,736

**2** Find the answer when this number is multiplied by itself as shown

$$(-5) \times (-5) \times (-5)$$

A	B	C	D	E	F
-128	-125	25	-5	-2	625

**3** Find the answer when this number is multiplied by itself as shown

$$(-4) \times (-4) \times (-4)$$

A	-1,024	B	-64
C	-1	D	16
E	256	F	-12

**4** Find the answer when this number is multiplied by itself as shown

$$(-11) \times (-11)$$

A	-22	B	14,641
C	-11	D	121
E	-1,331	F	118

**5**  $(-2) \times (-2) \times (-2) \times (-2) \times (-2)$

Find the answer when this number is multiplied by itself as shown

A	B	C	D	E	F
-128	-10	3	-32	64	16

**6** Find the answer when this number is multiplied by itself as shown

$$(-3) \times (-3) \times (-3)$$

A	B	C	D	E	F
-9	-243	9	-27	0	-24

**7** Find the answer when this number is multiplied by itself as shown

$$(-6) \times (-6) \times (-6)$$

A	1,296	B	36
C	-7,776	D	-6
E	-18	F	-216

**8** Find the answer when this number is multiplied by itself as shown

$$(-3) \times (-3) \times (-3) \times (-3)$$

A	B	C	D	E	F
84	-12	81	1	-243	-27