



Evaluate powers with integer bases

- 1 What would this exponent expression equal?

$$2^1$$

A -5	B 2	C -4
D 7	E -1	F -7

- 2 Multiply -7s as shown. Remember that $-7 \times -7 = 49$

$$-7 \times -7 = ?$$

A -49	B 49
----------	---------

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

$$(-2) \times (-2) \times (-2) \times (-2) \times (-2)$$

A -32	B -29	C -128
D 16	E 3	F 64

- 4 Find the answer when these terms are divided

$$\frac{x \times x}{x \times x}$$

A x^2	B x
C 0	D 1

- 5 Find the answer when this number is raised to its exponent

$$8^2$$

A 512	B 64	C 16
D 4,096	E 8	F 1

- 6 Find the answer when this number is raised to its exponent

$$(-3)^3$$

A -243	B -27	C 0
D 81	E -3	F 9

- 7 Find the answer when this number is raised to its exponent

$$3^4$$

A 81	B 27	C 243
D 729	E 84	F 9

- 8 Find the answer when this number is raised to its exponent

$$(-3)^4$$

A 81	B 84	C 1
D 729	E -243	F 9



Evaluate powers with integer bases

9

Find the answer when this number is raised to its exponent

$$6^2$$

A 36	B 8	C 12
D 39	E 33	F 216

10

Find the answer when this number is raised to its exponent

$$(-4)^3$$

A -12	B 256
C -4	D -61
E -1,024	F -64

11

Find the answer when this number is raised to its exponent

$$2^5$$

A 64	B 32	C 8
D 128	E 16	F 10

12

Find the answer when this number is raised to its exponent

$$(-12)^2$$

A -1,728	B 144
C 1	D -24
E 147	F -12