

Why Did the Math Teacher Open a Window Company?

Write the letter of each exercise in the box that contains the number of the answer.

Simplify the expression.

- E $6^5 \cdot 6^3$
- 19 6^{-5}
- G $6^5 \div 6^3$
- 31 6^{11}
- S $6^2 \cdot 6^7$
- 16 6^7
- A $6^2 \div 6^7$
- 21 6^8
- T $6^4 \div 6^{-1}$
- 8 6^5
- I $\frac{6^{-2}}{6^9}$
- 28 6^9
- O $\frac{6^{-2}}{6^{-9}}$
- 5 6^{-3}
- 13 6^2
- 25 6^{-11}

Write the expression without exponents.

- N $5^{-2} \cdot 5^5$
- 4 $\frac{1}{125}$
- W $5^2 \div 5^5$
- 10 128
- E $(-5)^5 \cdot (-5)^{-2}$
- 17 -144
- G $(-5)^{-5} \div (-5)^{-2}$
- 12 125
- H $\frac{(-12)^4}{(-12)^6}$
- 27 $-\frac{1}{125}$
- Y $\frac{2^{-3}}{2^{-10}}$
- 18 $-\frac{1}{128}$
- M $\frac{(-2)^{-10}}{(-2)^{-3}}$
- 7 -128
- 32 -125
- 1 $\frac{1}{144}$

Simplify the expression.

- R $a^3 \cdot a^{-10}$
- 26 a^{-5}
- S $a^3 \div a^{-10}$
- 33 a
- N $\frac{a^6}{a^{11}}$
- 14 a^6
- E $\frac{a^{-7}}{a^4}$
- 6 a^{13}
- I $\frac{a^{-7}}{a^{-4}}$
- 2 a^{-11}
- A $\frac{a^{15}}{a^{14}}$
- 23 1
- 34 a^{-7}
- T $\frac{a^{15}}{a^{15}}$
- 11 a^{-3}
- 3 a^3

Write the expression without exponents.

- T $\frac{(-10)^5}{(-10)^9}$
- 24 $\frac{1}{243}$
- C $\frac{(-10)^{-4}}{(-10)^{-3}}$
- 22 1,000
- A $\frac{(-10)^{-1}}{(-10)^{-7}}$
- 31 $-\frac{1}{243}$
- H $3^{-2} \cdot 3^{-3}$
- 30 $-\frac{1}{10}$
- K $\frac{3}{3^{-4}}$
- 20 243
- R $(-3)^{-3} \div (-3)^{-8}$
- 29 -81
- L $\frac{-3}{(-3)^6}$
- 5 1,000,000
- 15 $\frac{1}{10,000}$
- 9 -243

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

