

How Can You Avoid Getting a Flat Tire?



Write the letter of the answer in the box containing the exercise number. If the answer has a solid circle, fill in the box instead of writing a letter.



Simplify the expression.

- 1 90 + 9 · 2 27
 2 30 - 15 ÷ 5 32
 3 4 · 3 + $\frac{35}{5}$ P 39
 4 64 ÷ 8 · 2² A 25
 5 7 + 2(15 - 6) E 108
 6 $\frac{16 \cdot 3 - 4}{16 - 3 \cdot 4}$ 44
 7 25 - (2 + 2) · 3 I 11
 8 7 · 3² - 20 + 1 K 19
 T 13

Evaluate for the given values of the variables.

- 17 8 + 3n for n = 6 K 11
 18 (8 + 3)n for n = 6 O 26
 19 90 - 4d for d = 3 R 402
 20 7x + 2y for x = 15, y = 20 D 78
 21 $\frac{8b + 1}{7 - 2a}$ for a = 2, b = 4 H 484
 22 2 + 5x² for x = 4 O 145
 23 2 + (5x)² for x = 4 66
 24 (2 + 5x)² for x = 4 N 428
 82

Simplify the expression.

- 9 6(5 - 3)³ T 144
 10 9(15 - 3 + 4) 184
 11 9[15 - (3 + 4)] R 170
 12 10² + 7($\frac{60}{5}$) H 72
 13 $\frac{2}{5}(4 + 4 \cdot 4)$ N 152
 14 18 ÷ 2 · 3 + 5³ S 166
 15 $\frac{8 + (7 - 1)^2}{20 - 9 \cdot 2}$ O 48
 16 5[4³ - 2(9 + 6)] E 22
 8

Evaluate for the given values of the variables.

- 25 3[n + 2(11 - n)] for n = 6 F 92
 26 x² + xy - y² for x = 10, y = 3 S 83
 27 7 + ab³ for a = 8, b = 5 R 77
 28 $\frac{36 + 4kt}{36 - 4kt}$ for k = 2, t = 3 U 16
 29 100 - 2d² ÷ 9 for d = 6 L 1007
 30 $\frac{1}{4}(m - 1)^2$ for m = 9 O 4
 31 $[\frac{1}{4}(m - 1)]^2$ for m = 9 121
 32 5 + 5w - $\frac{w}{5}$ for w = 15 F 48
 T 5

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

