

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

Evaluate for the given values of the variables.

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

Simplify the expression.

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

Evaluate for the given values of the variables.

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

27	9	20	21	12	2	30	7	4	25	13	16	18	28	11	15
L	O	O	K	●	O	U	T	●	F	O	R	●	T	H	E
29	17	32	3	26	6	14	22	10	24	1	8	23	31	5	19
F	O	R	K	●	E	N	●	T	H	E	●	R	O	A	D

