"What's red, flies, and wobbles at the same time?"

Simplify the following expressions. The answer to each problem will match a letter that will allow you to figure out the joke.

(T) 1. $2\sqrt{10} + 8\sqrt{7} - 6\sqrt{10} - 4\sqrt{7}$

$-4\sqrt{10} + 4\sqrt{5}$

(O) 2. $6\sqrt{45} + \sqrt{20} - \sqrt{5}$

$6 \cdot 3\sqrt{5} + 2\sqrt{5} - \sqrt{5}$

$18\sqrt{5} + 2\sqrt{5} - \sqrt{5} = 19\sqrt{5}$

(R) 3. $\sqrt{16x} - 3\sqrt{x} + \sqrt{9x}$

$4\sqrt{x} - 3\sqrt{x} + 3\sqrt{x}$

$4\sqrt{x}$

(C) 4. $\sqrt{12} + \sqrt{27} + \sqrt{8}$

$2\sqrt{3} + 3\sqrt{3} + 2\sqrt{2}$

$5\sqrt{3} + 2\sqrt{2}$

(L) 5. $3\sqrt{2} + 5\sqrt{20} - 2\sqrt{45} + 3\sqrt{50}$

$3\sqrt{2} + 5 \cdot 2\sqrt{5} - 2 \cdot 3\sqrt{5} + 3 \cdot 5\sqrt{2}$

$3\sqrt{2} + 10\sqrt{5} - 6\sqrt{5} + 15\sqrt{2} = 18\sqrt{2} + 4\sqrt{5}$

(E) 6. $\sqrt{x} + 6\sqrt{9x} - \sqrt{4x}$

$\sqrt{x} + 6 \cdot 3\sqrt{x} - 2\sqrt{x}$

$1\sqrt{x} + 18\sqrt{x} - 2\sqrt{x} = 17\sqrt{x}$

(P) 7. $3\sqrt{x^2y} + \sqrt{36x^2y} - x\sqrt{y}$

$3x\sqrt{y} + 6x\sqrt{y} - x\sqrt{y} = 8x\sqrt{y}$

(J) 8. $\sqrt{49xy^3} - \sqrt{xy^3} + y\sqrt{25xy}$

$7y\sqrt{xy} - 1y\sqrt{xy} + 5y\sqrt{xy} = 11y\sqrt{xy}$

E: $17\sqrt{x}$

O: $19\sqrt{5}$

P: $8x\sqrt{y}$

A: $7\sqrt{5}$

T: $-4\sqrt{10} + 4\sqrt{7}$

J: $11y\sqrt{xy}$

I: $9\sqrt{x}$

L: $18\sqrt{2} + 4\sqrt{5}$

R: $4\sqrt{x}$

S: $4x\sqrt{y}$

C: $5\sqrt{3} + 2\sqrt{2}$

M: $5\sqrt{3} + 13\sqrt{2}$

W: $15\sqrt{2} + 4\sqrt{5}$

J	E	L	L	O	C	O	P	T	E	R
8	6	5	5	2	4	2	7	1	6	3

Answer: Jellocopter