

# Why Does Mrs. Snuggle Call Her Sons' Ranch "SOLAR FOCUS"?

Simplify each expression below and find your answer in the corresponding set of answer boxes. Print the letter of that exercise in the box containing the answer.

- (S)  $\sqrt{49}$
- (T)  $\sqrt{1}$
- (H)  $\sqrt{100}$
- (I)  $\sqrt{900}$

- (S)  $-\sqrt{64}$
- (E)  $-\sqrt{225}$
- (I)  $-\sqrt{10,000}$
- (T)  $\sqrt{\frac{9}{16}}$

- (O)  $\sqrt{9^2}$
- (E)  $\sqrt{15^2}$
- (R)  $(\sqrt{11})^2$
- (W)  $(\sqrt{60})^2$
- (E)  $\sqrt{25} - \sqrt{16}$
- (T)  $\sqrt{25} - 16$
- (H)  $\sqrt{36} + 64$
- (P)  $\sqrt{36} + \sqrt{64}$

30	1	-12	-100	7	1000	$\frac{3}{4}$	10	-15	$\frac{2}{3}$	-8	14	9	3	12	60	10	15	11	1
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- (H)  $\sqrt{10^2} - \sqrt{8^2}$
- (S)  $\sqrt{10^2} - 8^2$
- (O)  $\sqrt{10^2} - 6^2$
- (R)  $\sqrt{13^2} - 12^2$

- (E)  $\sqrt{400}$
- (T)  $-\sqrt{8100}$
- (N)  $-\sqrt{14,400}$
- (S)  $\sqrt{\frac{1}{9}}$

- (E)  $-\sqrt{\frac{81}{4}}$
- (A)  $\sqrt{0.25}$
- (I)  $-\sqrt{0.49}$
- (E)  $\sqrt{0.01}$

- (A)  $-\sqrt{1.44}$
- (T)  $\sqrt{0.0004}$
- (S)  $-\sqrt{0.0121}$
- (M)  $(\sqrt{\frac{2}{3}})^2$

-90	2	20	-200	$\frac{1}{3}$	8	-120	6	14	5	-1.2	-0.7	-0.11	$-\frac{9}{2}$	-0.9	$\frac{2}{3}$	0.1	0.5	0.02
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