

NAME: _____

1. 080125a, P.I. A2.A.13

Simplify: $\sqrt{50r^2s^4}$

2. 010422a, P.I. A2.A.13

If $a > 0$, then $\sqrt{9a^2 + 16a^2}$ equals

[A] $7a$ [B] $\sqrt{7a}$ [C] $5a$ [D] $5\sqrt{a}$

[2] $5rs^2\sqrt{2}$, and appropriate work is shown.

[1] A partially correct answer is found, such as $5r\sqrt{2s^4}$ or $5s^2\sqrt{2r^2}$, and appropriate work is shown.

or [1] $7.07rs^2$, but appropriate work is shown.

or [1] $5rs^2\sqrt{2}$, but no work is shown.

[0] A zero response is completely incorrect, irrelevant, or incoherent or is a correct response that was obtained by an obviously

[1] incorrect procedure.

[2] C
