Name_____

Do these calculations – express the answer as a result and an uncertainty. For the multiplication and division, round the uncertainty to two places, and round the answer to match the decimal place of the uncertainty.

When you have finished this, go to the website and check your answers. If you got a problem wrong, cross it off on the front, and do it correctly on the back.

$(2.4 \pm 0.1) + (4.5 \pm 0.3) = ?$ 6.9±.4	$(7.2 \pm 0.5) - (3.1 \pm 0.4) = ?$ 4.1±.9
$(7.3 \pm 0.2) \times (9.5 \pm 0.2) = ?$ 69.4±3.4	$(12.7 \pm 0.5) / (3.1 \pm 0.2) = ?$ 4.10±.43
$(9 \pm 5\%) \times (7 \pm 8\%) = ?$ (Give a percent uncertainty) 63±13%	$(56 \pm 2\%) / (7 \pm 3\%) = ?$ (Give a percent uncertainty) 8±5%
$(9.0 \pm 0.2)^2$ 81.0±3.6	$\sqrt{(25 \pm 2)}$ 5.00±.20?