

Math 10

Note about assignment [11-09-08B-L]

■ If your answers do not match those given in the problem set

If your answers do not match those on the back of the problem set, it is because the printed answers have rationalized denominators.

Question #37 is

[37] Simplify $\frac{2\sqrt{5}}{3} + \frac{1}{\sqrt{5}}$.

The answer that you should get, before rationalizing the denominator, is $\frac{13}{3\sqrt{5}}$.

This answer matches the answer given in the problem set, because

$$\frac{13}{3\sqrt{5}} = \frac{13}{3\sqrt{5}} \cdot \frac{\sqrt{5}}{\sqrt{5}} = \frac{13\sqrt{5}}{15}$$

For another example, look at question #39.

[39] Simplify $\sqrt{7} - \frac{1}{\sqrt{7}}$.

The answer that you should get, before rationalizing the denominator, is $\frac{6}{\sqrt{7}}$.

This answer matches the answer given in the problem set, because

$$\frac{6}{\sqrt{7}} = \frac{6}{\sqrt{7}} \cdot \frac{\sqrt{7}}{\sqrt{7}} = \frac{6\sqrt{7}}{7}$$