

Lesson 8.2.3 Homework Answers

8-83. See below:

a. $x = 1$ or $\frac{4}{3}$

b. $x = 0$ or -6

c. $x = -5$ or $\frac{3}{2}$

8-84. The result must be the original expression because multiplying and factoring are opposite processes; $65x^2 + 212x - 133$.

8-85. See below:

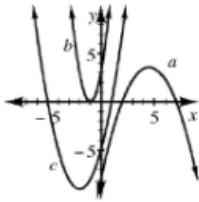
a. $x = 3$ or $-\frac{2}{3}$

b. $x = 2$ or 5

c. $x = -3$ or 2

d. $x = \frac{1}{2}$ or $-\frac{1}{2}$

8-86. See graph below:



8-87. See below:

a. true

b. false

c. true

d. true

e. false

f. false

8-88. See below:

a. -1

b. ≈ 1.6

c. -3