

Math 260 Entry Skills Problems' Answers:

1. $(3x+1)(2x-5)$

2. $x = -\frac{7}{5}$ or $x = 2$

3. $x = 25$

4. $x = \ln 7$

5. $\frac{x+9}{(x-3)(x-1)(x+1)}$

6. $(1,1), (-2,4)$

7. $19x \sqrt[3]{2x^2}$

8. $\sin t = \frac{4}{5}$; $\tan t = \frac{4}{3}$; $\csc t = \frac{5}{4}$; $\sec t = \frac{5}{3}$; $\cot t = \frac{3}{4}$.

9. $x = \frac{7\pi}{6}, \frac{11\pi}{6}$

10.

