

Math 265 Entry Skills Problems' Solutions:

1. $h + 6$

2. $(1,4) \cup (4,\infty)$

3. $9x^2 + 24x + 7$

4. $(-1,-5), (5,1)$

5. $\frac{1 + \ln 4}{5}$

6. $\frac{3\pi}{4}$

7. $x = \frac{\pi}{6}, \frac{5\pi}{6}, \frac{3\pi}{2}$

8. $\frac{\sqrt{15}}{15}$