**Section 2.2**

*Question 58*

1/3x + 1/4 =1/6-x

*Question number 72*

5x = 15-2 (x + 7)

**Section 2.3**

*Question Number 32 (Word problem)*

There were 77 birds on the endanger species list in 2005. This is 7 more than 5 times the number of reptiles list. How many reptiles were on the endangered species list in 2005?

*Question number 56 (Word problem)*

In 2000, about 457,000 people received a master’s degree, and by 2005 this number had increased to 506,000. Find the percent change in the number of master’s degrees received over this time period.

*Question Number 72 (Word problem)*

A pilot flies a plane at a constant speed for 5 hours and 30 minutes, traveling 715 miles. Find the speed of the plane in miles per hour.

**Section 2.4**

Write the solution set to the inequality in interval notation.

*Question 30*

y >\_ 1 (the top symbol is over the bottom).

Question number 60

3x >9