

Answer the questions in the spaces provided on the question sheets. If there is no solution, write no solution. Be sure to **show your work to earn full credit**. You **MAY** use a calculator to help you. If you run out of room for an answer, raise your hand to ask for an extra piece of paper.

Name and period: \_\_\_\_\_

- 1) Which number forms a reciprocal pair with  $\frac{4}{3}$ ?      7) What is the constant in the following expression:  
 $3x + 10$ ?
  
- 2) Which number forms a reciprocal pair with 3?      8) What is the constant in the following expression:  
 $2x + 15 = 83$ ?
  
- 3) Which number forms a reciprocal pair with  $-\frac{2}{3}$ ?      9) What is the constant in the following expression:  
 $\frac{1}{3}x + (-136)$ ?
  
- 4) Which number forms a zero pair with 10?      10) What is the coefficient in the following expression:  
 $3x$ ?
  
- 5) Which number forms a zero pair with  $-136$ ?      11) What is the coefficient in the following expression:  
 $\frac{1}{3}(x + 3) = 9$ ?
  
- 6) Which number forms a zero pair with  $-\frac{1}{4}$ ?

12) What is the coefficient in the following expression:

$$-\frac{1}{4}(x + 2) = 10?$$