Solving Linear Equations Involving Fractions and Decimals; Classifying Equations

1. Solve the Equation. Check your answer.
(similar to p.108 #27-41)

$$\frac{7x-1}{4}=\frac{3x}{8}$$

2. Solve the Equation. Check your answer.
(similar to p.108 #27-41)

$$\frac{5}{3}x-\frac{1}{5}=\frac{7}{10}$$

3. Solve the Equation. Check your answer.
(similar to p.108 #27-41)

$$\frac{2}{5}(10-x)=\frac{3x}{10}$$

4. Solve the Equation. Check your answer.
(similar to p.108 #27-41)

$$\frac{8x-7}{3}-\frac{x}{4}=\frac{x}{8}-2$$

5. Solve the Equation. Check your answer.
(similar to p.108 #43-61)

$$3.2x+x=84$$

6. Solve the Equation. Check your answer.
(similar to p.108 #43-61)

$$2-0.1(x-4)=4.2x+1.5$$

7. Solve the Equation. State whether the equation is a contradiction, an identity, or a conditional equation.
(similar to p.109 #63-73)

$$7(x-2)+3x=8$$

8. Solve the Equation. State whether the equation is a contradiction, an identity, or a conditional equation.
(similar to p.109 #63-73)

$$9(x-2)-6x=3x+8$$

9. Solve the Equation. State whether the equation is a contradiction, an identity, or a conditional equation.
(similar to p.109 #63-73)

$$5(x-2)-3=5(x+1)-18$$