p. 16-20

1. 3x + 8 = 4x + 7 □ Distribute, if needed

□ Combine like terms on each side of = sign (do not cross =)

□ Try to get all the variable terms on one side of the equation-

(use the inverse operation)

□ Now get all the constants (regular numbers) on the OTHER

side of the equation.

□ Divide to get the variable all by itself

2. 2x + 10 = x + 10 □ Distribute, if needed

□ Combine like terms on each side of = sign (do not cross =)

□ Try to get all the variable terms on one side of the equation-

(use the inverse operation)

□ Now get all the constants (regular numbers) on the OTHER

side of the equation.

□ Divide to get the variable all by itself

3. 4x + 10 = 6x + 6 □ Distribute, if needed

□ Combine like terms on each side of = sign (do not cross =)

□ Try to get all the variable terms on one side of the equation-

(use the inverse operation)

□ Now get all the constants on the OTHER side of the equation.

□ Divide to get the variable all by itself

4. 2x + 2 = 4 □ Distribute, if needed

□ Combine like terms on each side of = sign (do not cross =)

□ Try to get all the variable terms on one side of the equation-

(use the inverse operation)

□ Now get all the constants on the OTHER side of the equation.

□ Divide to get the variable all by itself

1. 3x + 4 = 4x □ Distribute, if needed

□ Combine like terms on each side of = sign (do not cross =)

□ Try to get all the variable terms on one side of the equation-

(use the inverse operation)

□ Now get all the constants on the OTHER side of the equation.

□ Divide to get the variable all by itself

2. 7x + 3 = 2x + 3 □ Distribute, if needed

□ Combine like terms on each side of = sign (do not cross =)

□ Try to get all the variable terms on one side of the equation-

(use the inverse operation)

□ Now get all the constants on the OTHER side of the equation.

□ Divide to get the variable all by itself

3. 7x + 5 = x +17 □ Distribute, if needed

□ Combine like terms on each side of = sign (do not cross =)

□ Try to get all the variable terms on one side of the equation-

(use the inverse operation)

□ Now get all the constants on the OTHER side of the equation.

□ Divide to get the variable all by itself

4. x + 8 = 6x + 3 □ Distribute, if needed

□ Combine like terms on each side of = sign (do not cross =)

□ Try to get all the variable terms on one side of the equation-

(use the inverse operation)

□ Now get all the constants on the OTHER side of the equation.

□ Divide to get the variable all by itself

5. 3x + 8 = 2x + 14 □ Distribute, if needed

□ Combine like terms on each side of = sign (do not cross =)

□ Try to get all the variable terms on one side of the equation-

(use the inverse operation)

□ Now get all the constants on the OTHER side of the equation.

□ Divide to get the variable all by itself

6. 5x + 2 = 3x + 20 □ Distribute, if needed

□ Combine like terms on each side of = sign (do not cross =)

□ Try to get all the variable terms on one side of the equation-

(use the inverse operation)

□ Now get all the constants on the OTHER side of the equation.

□ Divide to get the variable all by itself

7. 3x + 2 = 2x + 13 □ Distribute, if needed

□ Combine like terms on each side of = sign (do not cross =)

□ Try to get all the variable terms on one side of the equation-

(use the inverse operation)

□ Now get all the constants on the OTHER side of the equation.

□ Divide to get the variable all by itself

8. 4x + 4 = 5x □ Distribute, if needed

□ Combine like terms on each side of = sign (do not cross =)

□ Try to get all the variable terms on one side of the equation-

(use the inverse operation)

□ Now get all the constants on the OTHER side of the equation.

□ Divide to get the variable all by itself