Ratio -

Proportion -

Solve.

1) $\dfrac{x}{5} = \dfrac{3}{4}$

2) $\dfrac{18x}{13} = \dfrac{36}{39}$

4) $\dfrac{x - 5}{4} = \dfrac{3}{2}$

5) $\dfrac{3 + 2y}{1.8} = \dfrac{1 - y}{3.6}$

Write each sentence as a proportion, then solve.

6) Nine is to four as some number is to twenty-eight.

7) The ratio of some number to thirty-two is the same as the ratio of seven to eight.

8) An empty swimming pool is being filled with water. After 5 minutes, the pool has 400 gallons of water. If the pool has a volume of 11,200 gallons, how long does it take to fill the empty pool.

Assignment:
pg. 165
   1, 4-18 even,
   19-22,
   23-41 odd,
   46-53