

Geo

Ch 7

# Review (continued)

1. Find the geometric mean of the given numbers by setting up + solving a proportion.

a)  $12 + 18$

b)  $6 + 24$

2. Given  $\frac{k}{l} = \frac{m}{n}$ , which of the following are true based on properties of proportions?

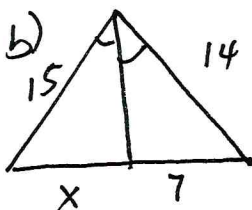
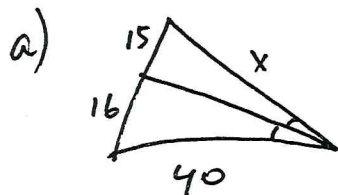
a)  $kl = mn$

b)  $\frac{k}{l+k} = \frac{m}{m+n}$

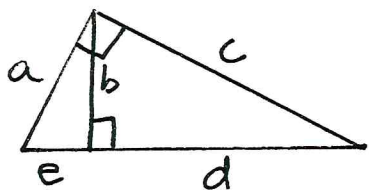
c)  $\frac{l}{n} = \frac{k}{m}$

d)  $\frac{n}{m} = \frac{l}{k}$

3. Find  $x$ .



4. Set up a proportion to solve for the indicated variable:



a

b

c

5. Write a similarity statement for the triangle shown:

