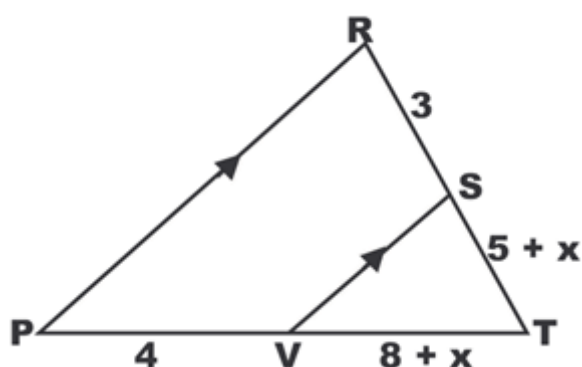


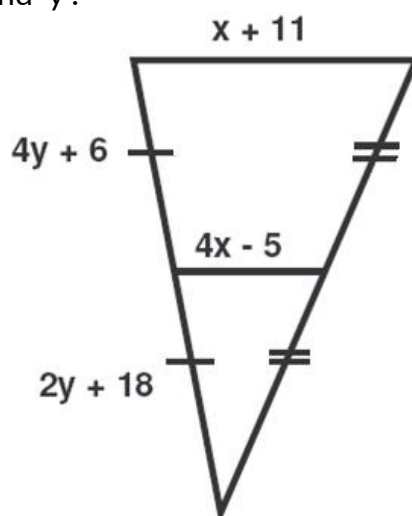
Name: \_\_\_\_\_

## Proportions and Similar Triangles

**Exercise 1:** Find the values of 'x'.



**Exercise 2:** Find the values of 'x' and 'y'.



**Exercise 3:** In  $\triangle DEF$ ,  $DH=18$ ,  $HE=36$ , and  $DG=\frac{1}{2}GF$ . Determine whether  $\overline{GH} \parallel \overline{FE}$ . Explain

