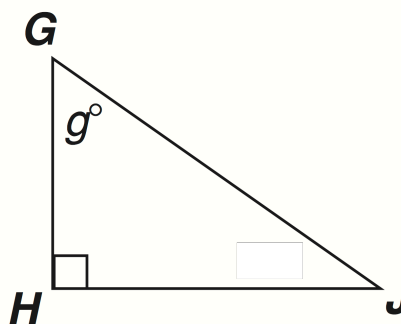Name _____

Score: $\frac{}{5}$

Gillespie

Course 3: Learning Check Ch2a

Rational Numbers

Directions: When working each of the following questions, be sure to show all work.
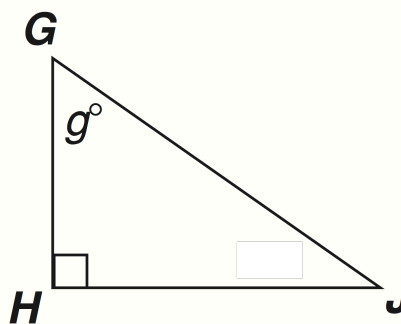
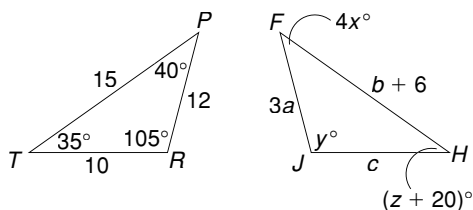1) If $m\angle J = 45$, what is the value of $g°$?

a) 39

b) 45

c) 59

d) 61

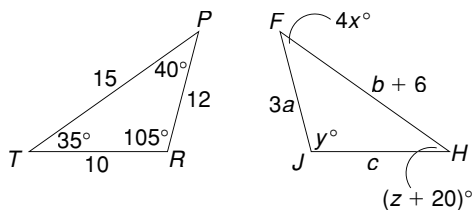2) If $g° = 35$, what is the value of $m\angle J$?

a) 39

b) 45

c) 55

d) 61

Name _____   *Score*: $\dfrac{\quad}{5}$

3) Triangle $PRT \cong FJH$. Find a

  a) 3

  b) 4

  c) 5

  d) 6

4) Triangle $PRT \cong FJH$. Find x

  a) 10

  b) 11

  c) 15

  d) 20

5) Determine whether the triangles are similar by angle-angle similarity.

  a) *Yes; all three angles are congruent*

  b) *Yes; at least two angles are congruent*

  c) *No; at least two angles need to be congruent*

  d) *No; angle − angle similarity is fake*