Worksheet #4

MeandMath
BELIEVE YOURSELF

CO INTERIOR ANGLES

Learning goal: Students will be able to identify and use angle relationships formed by parallel lines and a transversal to find unknown angles.

Workout the size of unknown angle and Give reasons for your answer

a = ☐ because__
_____
_____
_____
_____

a
91°

b = ☐ because__
_____
_____
_____
_____

b 111°

c = ☐ because__
_____
_____
_____

c
63.2°

c = ☐ because__
_____
_____
_____
_____

73° 72° d

d 63°
a
b c

∠ **b** =
∠ **c** =
∠ **d** =
∠ **e** =
∠ **f** =
∠ **g** =
∠ **h** =

h e
g f

d a
c b

h e
g f
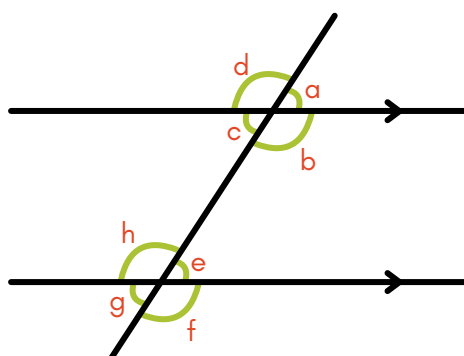
Angles c and ____ are co-interior.

Angles e and ____ are co-interior.

Angles h and ____ are co-interior.

Angles b and ____ are co-interior.

Name: **Grade:**   **Score:**

Worksheet #4(Answers)

CO INTERIOR ANGLES

Learning goal: Students will be able to identify and use angle relationships formed by parallel lines and a transversal to find unknown angles.

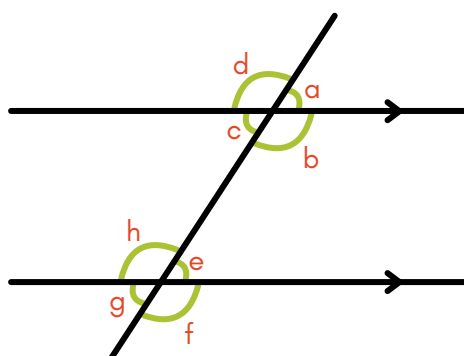**Workout the size of unknown angle and Give reasons for your answer**

a = 89° because__
Co-interior angles
sum to 180°

a
91°

b = 69° because__
Co-interior angles
sum to 180°

b 111°

c = 116.8° because__
Co-interior angles
sum to 180°

c
63.2°

c = 108° because__
Co-interior angles
sum to 180°

73° 72° d

117°
d   63°
           a
63° b   c
      117°

117°
h   e 63°
63° g f 117°

∠ b = 63°
∠ c = 117°
∠ d = 117°
∠ e = 63°
∠ f = 117°
∠ g = 63°
∠ h = 117°

d   a
c
   b

h
   e
g
   f

Angles c and __h__ are co-interior.

Angles e and __b__ are co-interior.

Angles h and __c__ are co-interior.

Angles b and __e__ are co-interior.