Johnny has to find the missing angle shown in the picture below.

1) Introduce a basic fact. An angle and its supplement equal 180°.

$$x+110=180$$ This is a basic fact about an angle and its supplement.

$$x+110-110=180-110$$ Setup the subtraction of 110 from both sides

$$x=70$$ So the missing angle is 70°

110°

x

x=70° 110°