

Tarefa Básica - Geometria Plana

1. $2x + 60^\circ = 180^\circ - 60^\circ =$
 $x = 120^\circ$

alternativa C

2. $180^\circ - 120^\circ = y$
 $y = 60^\circ$
 $\hookrightarrow 60^\circ + 90^\circ + x = 180^\circ$
 $x = 180^\circ - 150^\circ$
 $x = 30^\circ$

alternativa B

3. $2a + a = 180^\circ$ $x + a = 180^\circ$
 $3a = 180^\circ$ $x + 60^\circ = 180^\circ$
 $a = \frac{180^\circ}{3} = 60^\circ$ $x = 180^\circ - 60^\circ$
 $x = 120^\circ$

alternativa D

4. $30^\circ + z = 180^\circ$ $80^\circ + z + y + 40^\circ = 360^\circ$
 $z = 180^\circ - 30^\circ$ $120^\circ + 150^\circ + y = 360^\circ$
 $z = 150^\circ$ $y = 360^\circ - 270^\circ$
 $y = 90^\circ$
 $\hookrightarrow y + x = 180^\circ$
 $90^\circ + x = 180^\circ$
 $\hookrightarrow x = 180^\circ - 90^\circ$
 $x = 90^\circ$

Tarefa Básica - Geometria Plana

1. $\text{ângulo externo} = 180^\circ - 60^\circ =$
 $x = 120^\circ$
 alternativa C

2. $180^\circ - 120^\circ = y$
 $y = 60^\circ$
 $\hookrightarrow 60^\circ + 90^\circ + x = 180^\circ$
 $x = 180^\circ - 150^\circ$
 $x = 30^\circ$

alternativa B

3. $2a + a = 180^\circ$ $x + a = 180^\circ$
 $3a = 180^\circ$ $x + 60^\circ = 180^\circ$
 $a = \frac{180^\circ}{3} = 60^\circ$ $x = 180^\circ - 60^\circ$
 $x = 120^\circ$

alternativa D

4. $30^\circ + z = 180^\circ$ $80^\circ + z + y + 40^\circ = 360^\circ$
 $z = 180^\circ - 30^\circ$ $120^\circ + 150^\circ + y = 360^\circ$
 $z = 150^\circ$ $y = 360^\circ - 270^\circ$
 $y = 90^\circ$
 $\hookrightarrow y + x = 180^\circ$
 $90^\circ + x = 180^\circ$
 $\hookrightarrow x = 180^\circ - 90^\circ$
 $x = 90^\circ$