

## Solutions – Angles in a Quadrilateral (A)

In a quadrilateral, three angles measure  $50^\circ$ ,  $138^\circ$  and  $42^\circ$ . Find the fourth angle.

**130°**

In a quadrilateral, three angles measure  $64^\circ$ ,  $152^\circ$  and  $50^\circ$ . Find the fourth angle.

**94°**

In a quadrilateral, three angles measure  $94^\circ$ ,  $74^\circ$  and  $136^\circ$ . Find the fourth angle.

**56°**

In a quadrilateral, three angles measure  $84^\circ$ ,  $62^\circ$  and  $132^\circ$ . Find the fourth angle.

**82°**

In a quadrilateral, three angles measure  $111^\circ$ ,  $47^\circ$  and  $143^\circ$ . Find the fourth angle.

**59°**

In a quadrilateral, three angles measure  $48^\circ$ ,  $141^\circ$  and  $130^\circ$ . Find the fourth angle.

**41°**

## Solutions – Angles in a Quadrilateral (B)

In a quadrilateral, three angles measure  $80^\circ$ ,  $84^\circ$  and  $160^\circ$ . Find the fourth angle.

**36°**

In a quadrilateral, three angles measure  $61^\circ$ ,  $97^\circ$  and  $98^\circ$ . Find the fourth angle.

**104°**

In a quadrilateral, three angles measure  $143^\circ$ ,  $47^\circ$  and  $50^\circ$ . Find the fourth angle.

**120°**

In a quadrilateral, three angles measure  $136^\circ$ ,  $75^\circ$  and  $81^\circ$ . Find the fourth angle.

**68°**

In a quadrilateral, three angles measure  $128^\circ$ ,  $109^\circ$  and  $67^\circ$ . Find the fourth angle.

**56°**

In a quadrilateral, three angles measure  $125^\circ$ ,  $139^\circ$  and  $49^\circ$ . Find the fourth angle.

**47°**

## Solutions – Angles in a Quadrilateral (C)

In a quadrilateral, three angles measure  $112^\circ$ ,  $63^\circ$  and  $75^\circ$ . Find the fourth angle.

**110°**

In a quadrilateral, three angles measure  $59^\circ$ ,  $99^\circ$  and  $86^\circ$ . Find the fourth angle.

**116°**

In a quadrilateral, three angles measure  $146^\circ$ ,  $93^\circ$  and  $66^\circ$ . Find the fourth angle.

**55°**

In a quadrilateral, three angles measure  $81^\circ$ ,  $82^\circ$  and  $56^\circ$ . Find the fourth angle.

**141°**

In a quadrilateral, three angles measure  $115^\circ$ ,  $87^\circ$  and  $58^\circ$ . Find the fourth angle.

**100°**

In a quadrilateral, three angles measure  $151^\circ$ ,  $59^\circ$  and  $45^\circ$ . Find the fourth angle.

**105°**

## Solutions – Angles in a Quadrilateral (D)

In a quadrilateral, three angles measure  $45^\circ$ ,  $84^\circ$  and  $58^\circ$ . Find the fourth angle.

**173°**

In a quadrilateral, three angles measure  $97^\circ$ ,  $130^\circ$  and  $42^\circ$ . Find the fourth angle.

**91°**

In a quadrilateral, three angles measure  $130^\circ$ ,  $56^\circ$  and  $86^\circ$ . Find the fourth angle.

**88°**

In a quadrilateral, three angles measure  $67^\circ$ ,  $57^\circ$  and  $144^\circ$ . Find the fourth angle.

**92°**

In a quadrilateral, three angles measure  $136^\circ$ ,  $61^\circ$  and  $50^\circ$ . Find the fourth angle.

**113°**

In a quadrilateral, three angles measure  $106^\circ$ ,  $145^\circ$  and  $47^\circ$ . Find the fourth angle.

**62°**

## Solutions – Angles in a Quadrilateral (E)

In a quadrilateral, three angles measure  $117^\circ$ ,  $45^\circ$  and  $42^\circ$ . Find the fourth angle.

**156°**

In a quadrilateral, three angles measure  $126^\circ$ ,  $81^\circ$  and  $68^\circ$ . Find the fourth angle.

**85°**

In a quadrilateral, three angles measure  $117^\circ$ ,  $138^\circ$  and  $46^\circ$ . Find the fourth angle.

**59°**

In a quadrilateral, three angles measure  $91^\circ$ ,  $95^\circ$  and  $141^\circ$ . Find the fourth angle.

**33°**

In a quadrilateral, three angles measure  $47^\circ$ ,  $107^\circ$  and  $94^\circ$ . Find the fourth angle.

**112°**

In a quadrilateral, three angles measure  $87^\circ$ ,  $51^\circ$  and  $72^\circ$ . Find the fourth angle.

**150°**

## Solutions – Angles in a Quadrilateral (F)

In a quadrilateral, three angles measure  $113^\circ$ ,  $85^\circ$  and  $117^\circ$ . Find the fourth angle.

**45°**

In a quadrilateral, three angles measure  $106^\circ$ ,  $96^\circ$  and  $55^\circ$ . Find the fourth angle.

**103°**

In a quadrilateral, three angles measure  $67^\circ$ ,  $109^\circ$  and  $107^\circ$ . Find the fourth angle.

**77°**

In a quadrilateral, three angles measure  $95^\circ$ ,  $61^\circ$  and  $127^\circ$ . Find the fourth angle.

**77°**

In a quadrilateral, three angles measure  $79^\circ$ ,  $110^\circ$  and  $142^\circ$ . Find the fourth angle.

**29°**

In a quadrilateral, three angles measure  $71^\circ$ ,  $128^\circ$  and  $150^\circ$ . Find the fourth angle.

**11°**

## Solutions – Angles in a Quadrilateral (G)

In a quadrilateral, three angles measure  $89^\circ$ ,  $152^\circ$  and  $41^\circ$ . Find the fourth angle.

**78°**

In a quadrilateral, three angles measure  $130^\circ$ ,  $61^\circ$  and  $77^\circ$ . Find the fourth angle.

**92°**

In a quadrilateral, three angles measure  $79^\circ$ ,  $79^\circ$  and  $134^\circ$ . Find the fourth angle.

**68°**

In a quadrilateral, three angles measure  $71^\circ$ ,  $78^\circ$  and  $103^\circ$ . Find the fourth angle.

**108°**

In a quadrilateral, three angles measure  $98^\circ$ ,  $42^\circ$  and  $100^\circ$ . Find the fourth angle.

**120°**

In a quadrilateral, three angles measure  $112^\circ$ ,  $43^\circ$  and  $44^\circ$ . Find the fourth angle.

**161°**

## Solutions – Angles in a Quadrilateral (H)

In a quadrilateral, three angles measure  $97^\circ$ ,  $121^\circ$  and  $61^\circ$ . Find the fourth angle.

**81°**

In a quadrilateral, three angles measure  $103^\circ$ ,  $128^\circ$  and  $102^\circ$ . Find the fourth angle.

**27°**

In a quadrilateral, three angles measure  $73^\circ$ ,  $92^\circ$  and  $42^\circ$ . Find the fourth angle.

**153°**

In a quadrilateral, three angles measure  $45^\circ$ ,  $41^\circ$  and  $134^\circ$ . Find the fourth angle.

**140°**

In a quadrilateral, three angles measure  $106^\circ$ ,  $131^\circ$  and  $83^\circ$ . Find the fourth angle.

**40°**

In a quadrilateral, three angles measure  $121^\circ$ ,  $123^\circ$  and  $101^\circ$ . Find the fourth angle.

**15°**

## Solutions – Angles in a Quadrilateral (I)

In a quadrilateral, three angles measure  $41^\circ$ ,  $88^\circ$  and  $121^\circ$ . Find the fourth angle.

**110°**

In a quadrilateral, three angles measure  $81^\circ$ ,  $132^\circ$  and  $116^\circ$ . Find the fourth angle.

**31°**

In a quadrilateral, three angles measure  $42^\circ$ ,  $66^\circ$  and  $106^\circ$ . Find the fourth angle.

**146°**

In a quadrilateral, three angles measure  $95^\circ$ ,  $156^\circ$  and  $48^\circ$ . Find the fourth angle.

**61°**

In a quadrilateral, three angles measure  $64^\circ$ ,  $111^\circ$  and  $68^\circ$ . Find the fourth angle.

**117°**

In a quadrilateral, three angles measure  $68^\circ$ ,  $55^\circ$  and  $66^\circ$ . Find the fourth angle.

**171°**

## Solutions – Angles in a Quadrilateral (J)

In a quadrilateral, three angles measure  $85^\circ$ ,  $129^\circ$  and  $112^\circ$ . Find the fourth angle.

**34°**

In a quadrilateral, three angles measure  $63^\circ$ ,  $49^\circ$  and  $44^\circ$ . Find the fourth angle.

**204°**

In a quadrilateral, three angles measure  $159^\circ$ ,  $82^\circ$  and  $77^\circ$ . Find the fourth angle.

**42°**

In a quadrilateral, three angles measure  $63^\circ$ ,  $106^\circ$  and  $158^\circ$ . Find the fourth angle.

**33°**

In a quadrilateral, three angles measure  $131^\circ$ ,  $131^\circ$  and  $65^\circ$ . Find the fourth angle.

**33°**

In a quadrilateral, three angles measure  $58^\circ$ ,  $107^\circ$  and  $60^\circ$ . Find the fourth angle.

**135°**