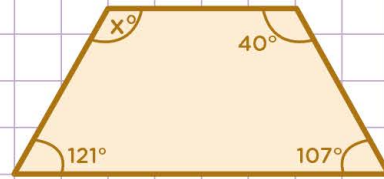


Name: Class:

Find missing angles in quadrilaterals

In every quadrilateral, all four angles add up to **360°**.

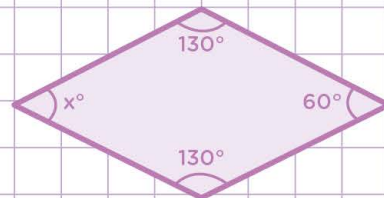
1. Determine the measure of angle x .



2. Determine the measure of angle x .



3. Determine the measure of angle x .



Name: Class:

Find missing angles in quadrilaterals

In every quadrilateral, all four angles add up to **360°**.

1. Determine the measure of angle **x**.

► **Step 1:** Add together the known angles.

$$121^\circ + 107^\circ + 40^\circ = 268^\circ.$$

► **Step 2:** Subtract the sum from **360°**.

$$360^\circ - 268^\circ = 92^\circ.$$



So, the measure of **angle x** is

92°

2. Determine the measure of angle **x**.

► **Step 1:** Add together the known angles.

$$90^\circ + 90^\circ + 90^\circ = 270^\circ.$$

► **Step 2:** Subtract the sum from 360°.

$$360^\circ - 270^\circ = 90^\circ.$$



So, the measure of **angle x** is

90°

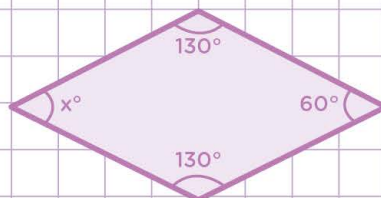
3. Determine the measure of angle **x**.

► **Step 1:** Add together the known angles.

$$130^\circ + 130^\circ + 60^\circ = 320^\circ.$$

► **Step 2:** Subtract the sum from 360°.

$$360^\circ - 320^\circ = 40^\circ.$$



So, the measure of **angle x** is

40°