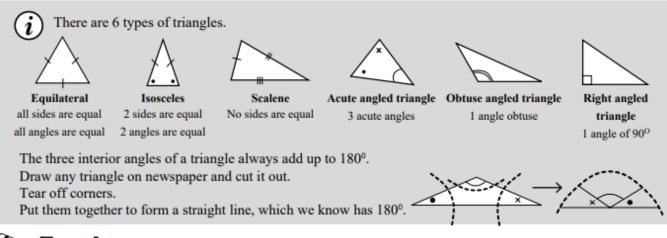
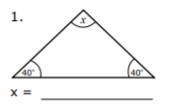
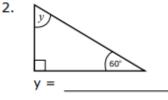
4 Triangles

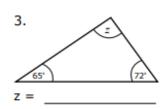


🛰 Try these

Find the value of x, y, z.

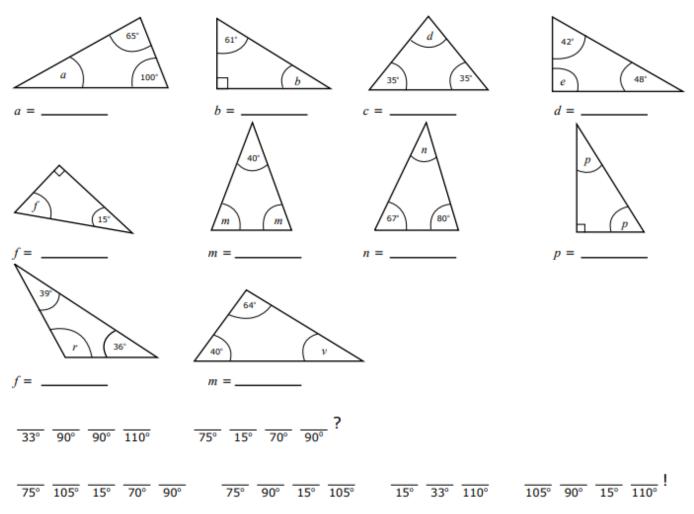






🆎 Test Yourself

Find the unknown letters and solve the code.

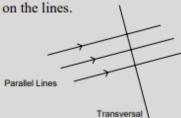


This is a sample from Maths To Go Book 1. Visit ryanpublications.com for more samples or to order the workbook.

5 Parallel Lines



Parallel lines never meet and they are always an equal distance apart. The symbol for parallel lines is >



Corresponding angles and **alternate** angles are special angles formed when a line (transversal) cuts parallel lines.

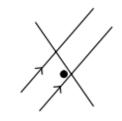


Corresponding angles are equal when lines are parallel (\bullet) . Alternate angles are equal when lines are parallel (x).



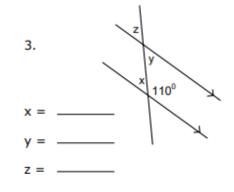


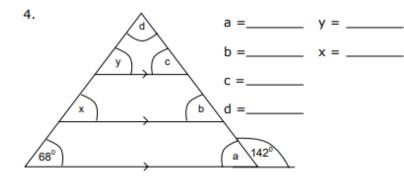
Mark an angle alternate to •

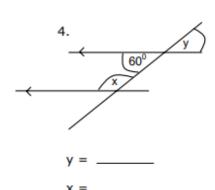


2.

Mark an angle corresponding to •



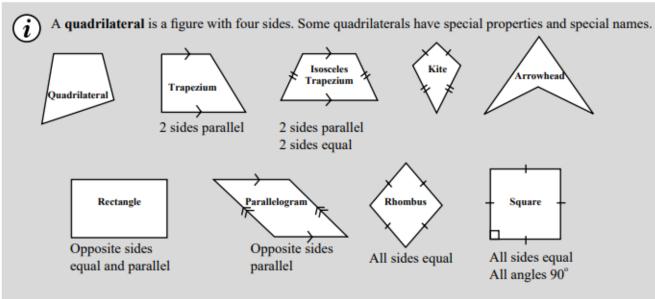




🋤 Test Yourself

- 1. To construct an angle of 60°
 - a. draw a line AB 30mm long
 - b. with compass point on A, draw arc (any radius) to cut AB at C
 - with compass point on C, draw arc same radius as b. to cut arc at D
 - d. join AD
 - e. DÂC is always exactly 60°

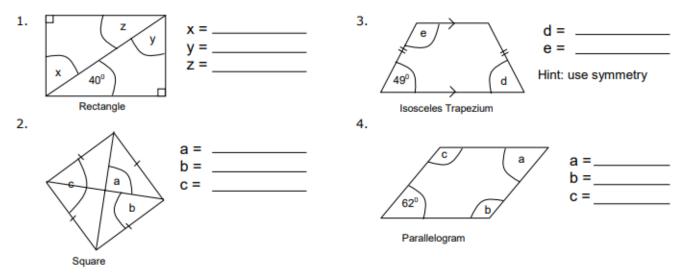
5 Quadrilatorals



Note: The inside (interior) angles of all quadrilaterals add up to 360°.

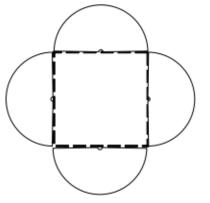
🛰 Try These

Find the marked angles in these quadrilaterals. (These are not drawn to scale).



🆎 Test Yourself (1)

Use your ruler and compass to make a special square greeting card. Draw a square with 80mm sides and draw a semi-circle with a radius of 40mm on each side of the square. Fold the sides of the square



inwards and tuck under each flap. If you use attractive paper and double thickness you can slip a card or pressed flower in between the two pieces. Or trace the pattern on p75.

🆎 Test Yourself (2)

Trace and cut out the pieces on resource pages 76 and 77. Use these pieces to make squares and triangles as directed.