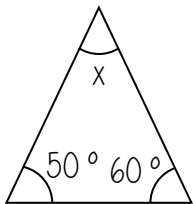


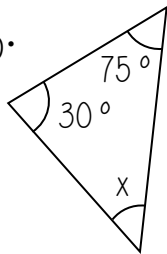
The diagrams are not drawn accurately

1. Find the value of the missing angle, and state what type of triangle is shown.

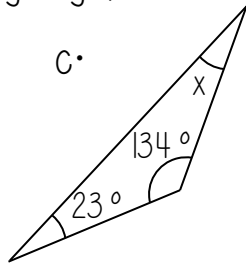
a.



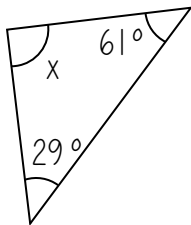
b.



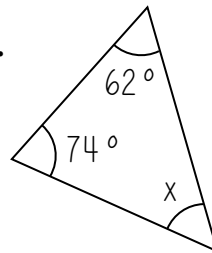
c.



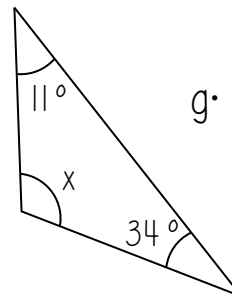
d.



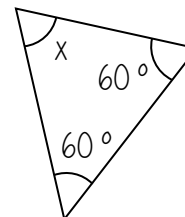
e.



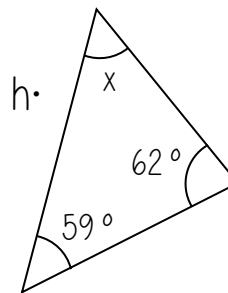
f.



g.

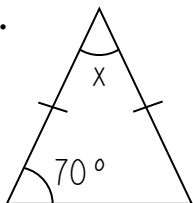


h.

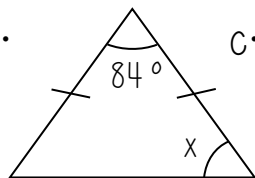


2. Find the value of the missing angle in each isosceles triangle.

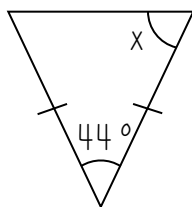
a.



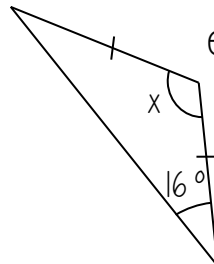
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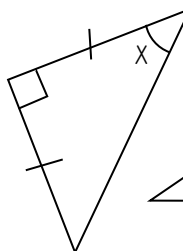
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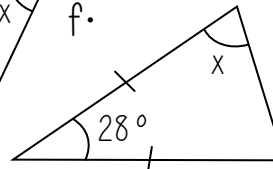
d.



e.



f.



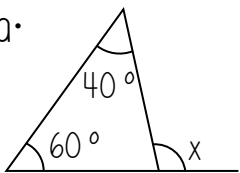
3.

One of the angles in an isosceles triangle is  $80^\circ$

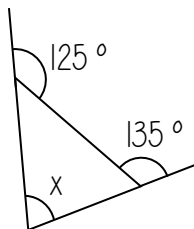
Find the possible values of the other two angles.

4. Find the value of the missing angle.

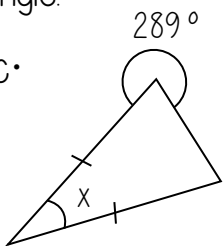
a.



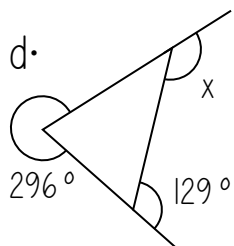
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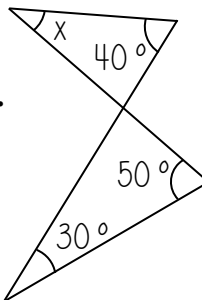
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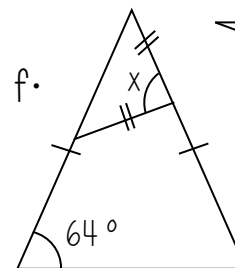
d.



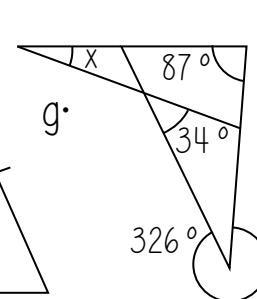
e.



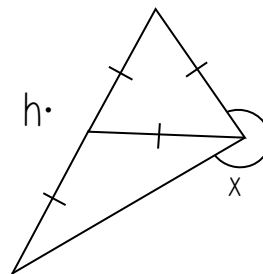
f.



g.

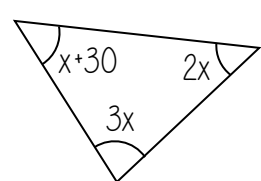


h.

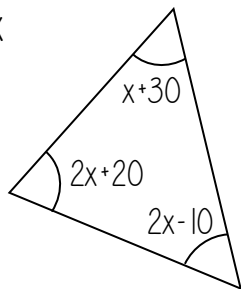


5. Find the value of x

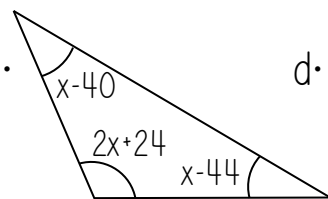
a.



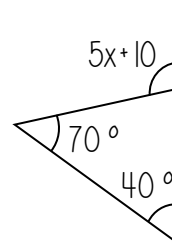
b.



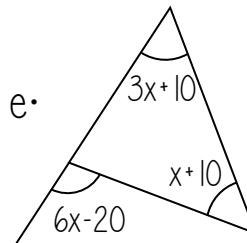
c.



d.



e.



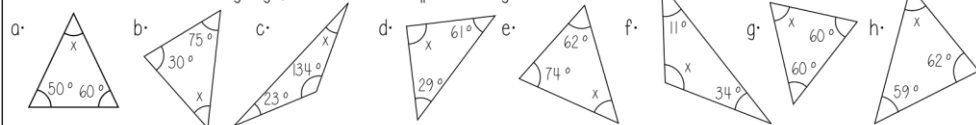
6.

The three angles in a triangle are:  
 $x+25$   $2x+30$  and  $3x-55$

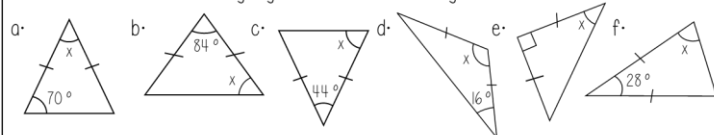
Show that this is a right-angled triangle.

The diagrams are not drawn accurately

1. Find the value of the missing angle, and state what type of triangle is shown



2. Find the value of the missing angle in each isosceles triangle

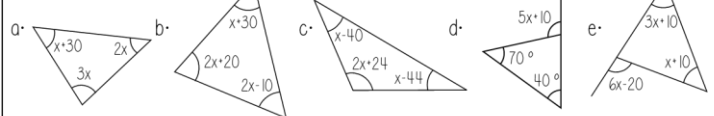


3. One of the angles in an isosceles triangle is  $80^\circ$ . Find the possible values of the other two angles.

4. Find the value of the missing angle



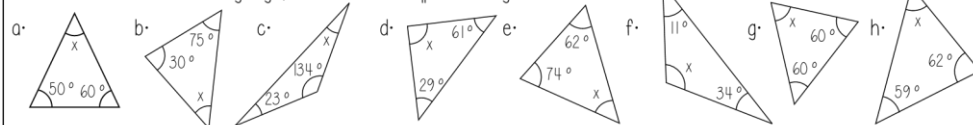
5. Find the value of  $x$



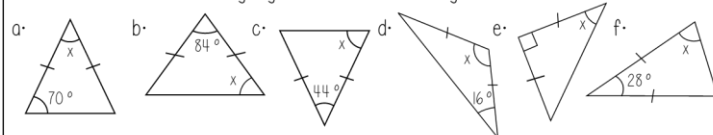
6. The three angles in a triangle are  $x+25$ ,  $2x+30$  and  $3x-55$ . Show that this is a right-angled triangle.

The diagrams are not drawn accurately

1. Find the value of the missing angle, and state what type of triangle is shown



2. Find the value of the missing angle in each isosceles triangle

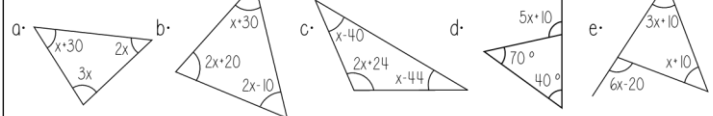


3. One of the angles in an isosceles triangle is  $80^\circ$ . Find the possible values of the other two angles.

4. Find the value of the missing angle



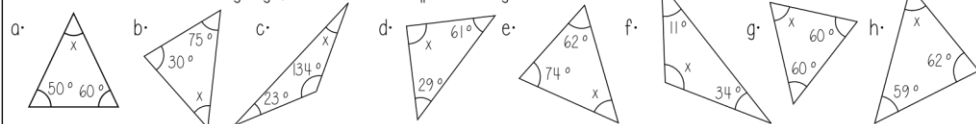
5. Find the value of  $x$



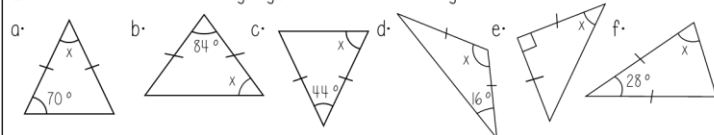
6. The three angles in a triangle are  $x+25$ ,  $2x+30$  and  $3x-55$ . Show that this is a right-angled triangle.

The diagrams are not drawn accurately

1. Find the value of the missing angle, and state what type of triangle is shown



2. Find the value of the missing angle in each isosceles triangle

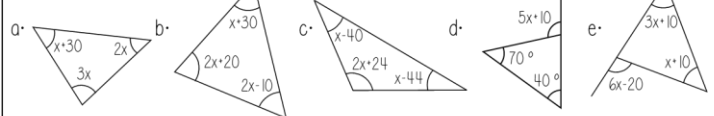


3. One of the angles in an isosceles triangle is  $80^\circ$ . Find the possible values of the other two angles.

4. Find the value of the missing angle



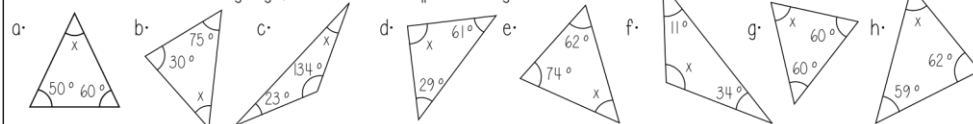
5. Find the value of  $x$



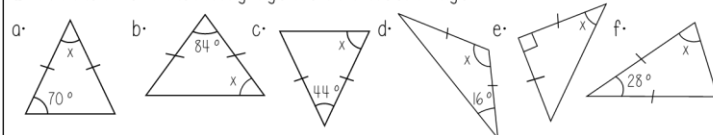
6. The three angles in a triangle are  $x+25$ ,  $2x+30$  and  $3x-55$ . Show that this is a right-angled triangle.

The diagrams are not drawn accurately

1. Find the value of the missing angle, and state what type of triangle is shown

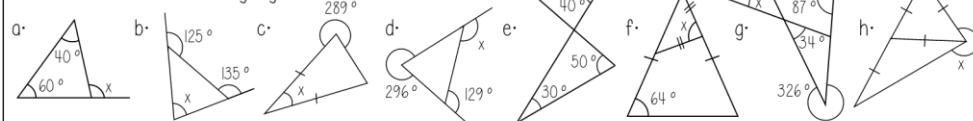


2. Find the value of the missing angle in each isosceles triangle

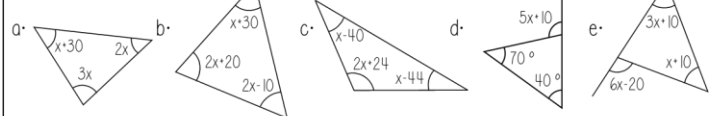


3. One of the angles in an isosceles triangle is  $80^\circ$ . Find the possible values of the other two angles.

4. Find the value of the missing angle



5. Find the value of  $x$



6. The three angles in a triangle are  $x+25$ ,  $2x+30$  and  $3x-55$ . Show that this is a right-angled triangle.