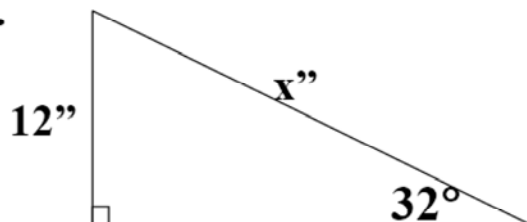
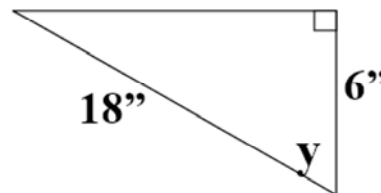


Find x to the nearest tenth. Find y to nearest degree.

1.



2.

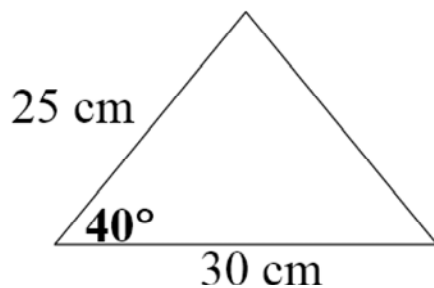


3. Find the height of a tree if the angle of elevation is 20 degrees and you are 60 feet away from the tree.

Round answer to the nearest foot.

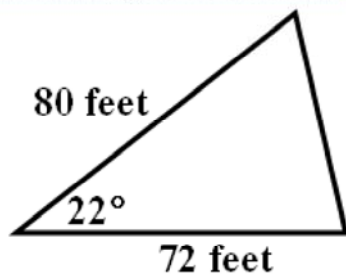
Assume the distance from your eye to the ground is 5 feet.

4. Find the area. Round final answer to the nearest square cm.

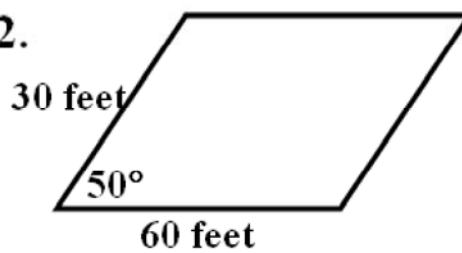


Find the area of the following. Round answer to nearest square foot.

1.

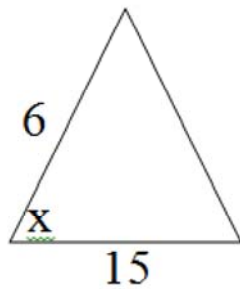


2.



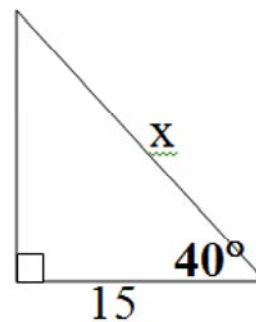
Find x.

3. area = 40 sq. in.



nearest degree

4.

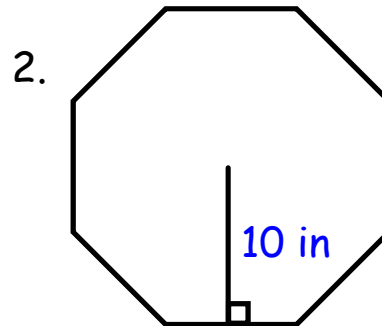
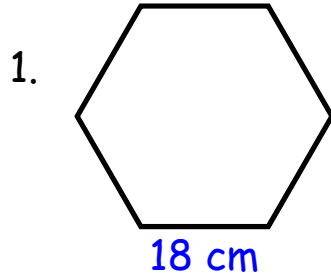


nearest tenth

5. Find the area of a regular pentagon with a side of 10 cm.

Round answer to nearest whole number at the end.

Find the area of each regular polygon shown. Leave in simplified radical form or round to whole number(at the end!)



3. Draw an angle using a straight edge on your paper.
Using your compass, bisect it.
4. Draw a vertical segment on your paper.
Label the end points A and B.
Construct the perpendicular bisector of \overline{AB} .
5. Draw a horizontal segment on your paper.
Label the endpoints O and B.
Construct the midpoint of \overline{OB} .
6. Find the sum of interior angles of a heptagon.
7. Find one interior angle of a regular undecagon.
8. Find the sum of exterior angles of a dodecagon.
9. Find one exterior angle of a regular dodecagon.