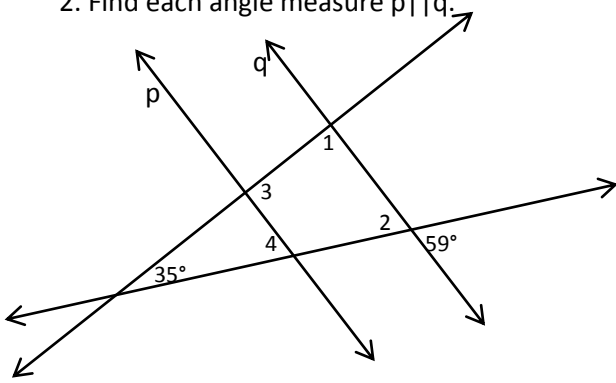


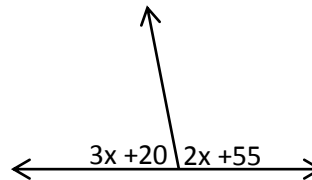
Chapter 10

1. The hour hand of a clock moves from 5 to 8 o'clock. Through how many degrees does it move?

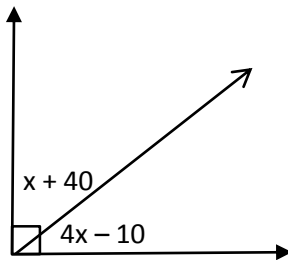
2. Find each angle measure $p \parallel q$.



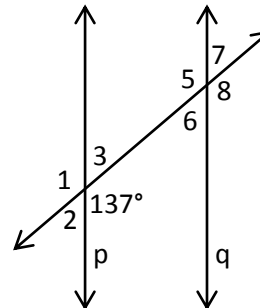
3. Find the measure of each angle.



4. Find the measure of each angle.



5. Find the measure of each angle $p \parallel q$.

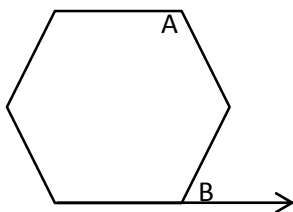


6. One angle of a triangle is 4 times as large as another. The measure of the third angle is 45° more than that of the smallest angle. Find the measure of each angle.

7. A television screen measures approximately 15.5 in. high and 19.5 in. wide. A television is advertised by giving the approximate length of the diagonal of its screen. How should this television be advertised?

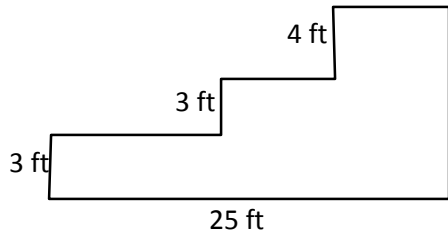
8. A 6-ft ladder is placed against a wall with its base 2 ft from the wall. How high above the ground is the top of the ladder?

9. Given the regular hexagon, find the measure of angle A and B.



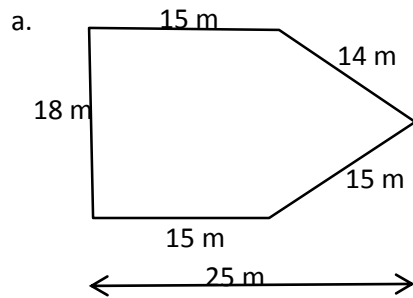
10. Find the sum of the angles in a heptagon.

11. Find the perimeter, each angle is a right angle.

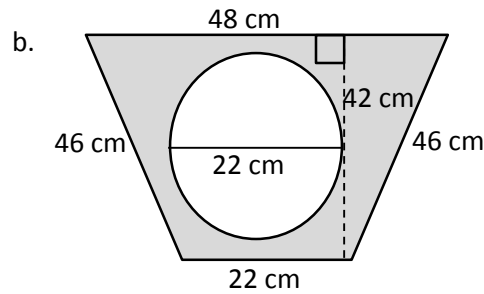


12. A rectangular field is 3 times as long as it is wide. If the perimeter of the field is 600 yards, what are the field's dimensions?

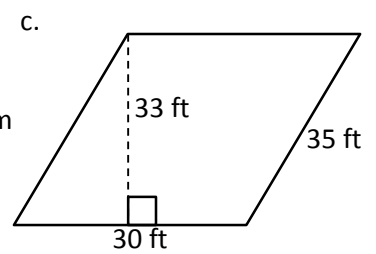
13. Find the area.



Find the area of the shaded region



Find the area.



14. A circular patio is 15 feet in diameter. You want to plant flowers around the edge of the patio. If a gardener charges \$0.25 per inch to plant flowers on the edge of the patio, how much will it cost to plant the flowers?

15. Find the volume of each figure. All measurements are in inches.

