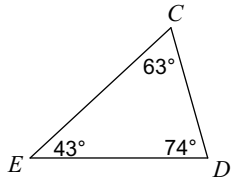


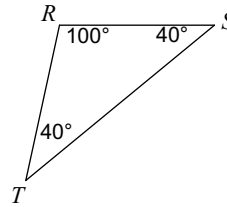
Chapter 2 Review

Order the sides of each triangle from shortest to longest.

1)

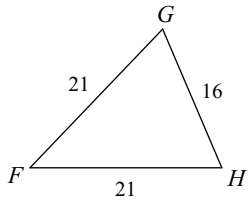


2)

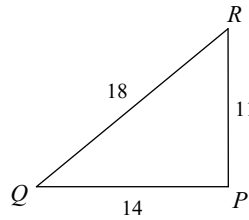


Order the angles in each triangle from smallest to largest.

3)



4)



State if the three numbers can be the measures of the sides of a triangle.

5) 5, 8, 12

6) 1, 10, 10

7) 11, 21, 9

8) 11, 10, 7

Two sides of a triangle have the following measures. Find the range of possible measures for the third side.

9) 7, 9

10) 10, 6

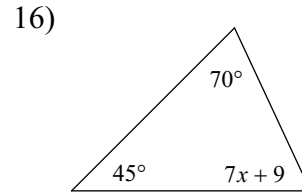
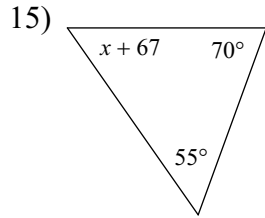
11) 9, 9

12) 8, 10

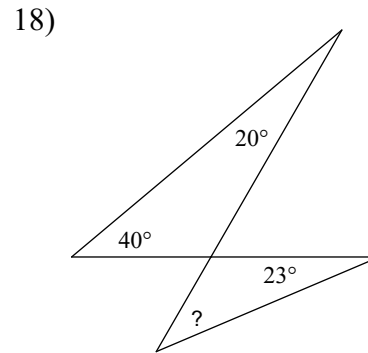
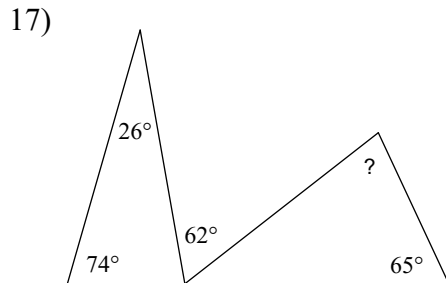
13) 9, 11

14) 8, 12

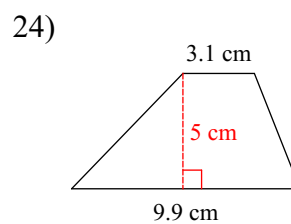
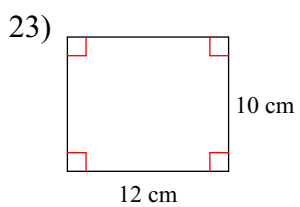
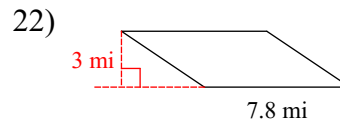
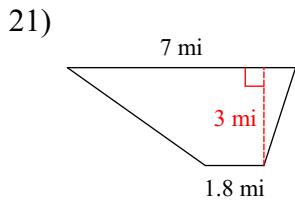
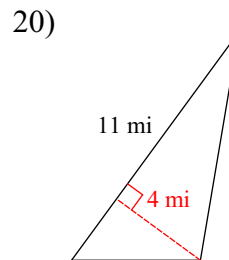
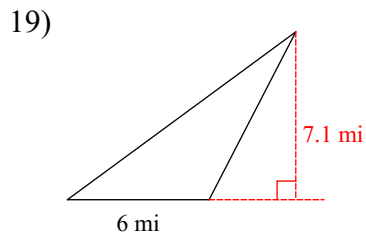
Solve for x .



Find the measure of each angle indicated.



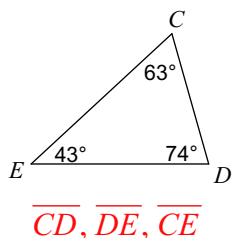
Find the area of each.



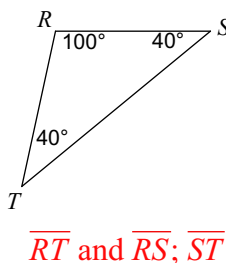
Chapter 2 Review

Order the sides of each triangle from shortest to longest.

1)

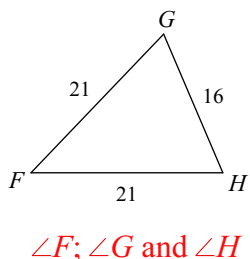


2)

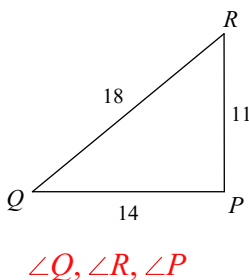


Order the angles in each triangle from smallest to largest.

3)



4)



State if the three numbers can be the measures of the sides of a triangle.

5) 5, 8, 12

Yes

6) 1, 10, 10

Yes

7) 11, 21, 9

No

8) 11, 10, 7

Yes

Two sides of a triangle have the following measures. Find the range of possible measures for the third side.

9) 7, 9

$2 < x < 16$

10) 10, 6

$4 < x < 16$

11) 9, 9

$0 < x < 18$

12) 8, 10

$2 < x < 18$

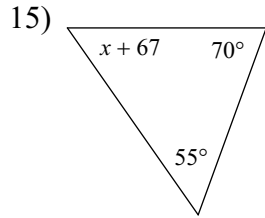
13) 9, 11

$2 < x < 20$

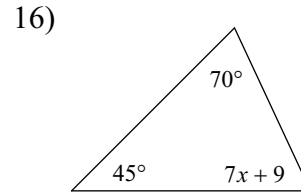
14) 8, 12

$4 < x < 20$

Solve for x .

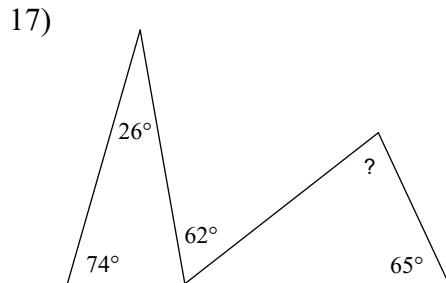


-12

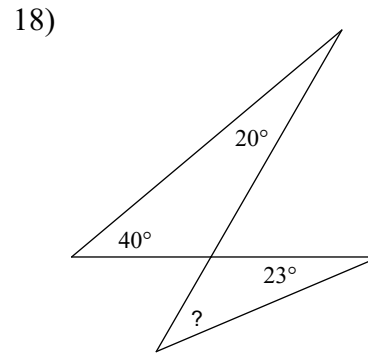


8

Find the measure of each angle indicated.

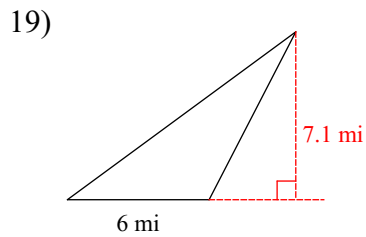


77°

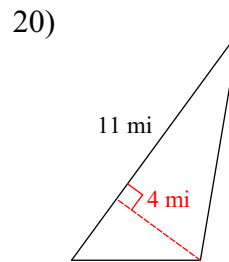


37°

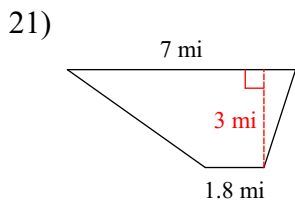
Find the area of each.



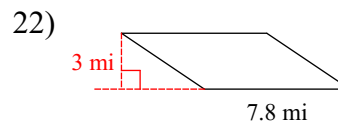
21.3 mi²



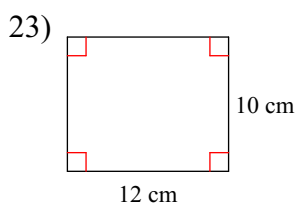
22 mi²



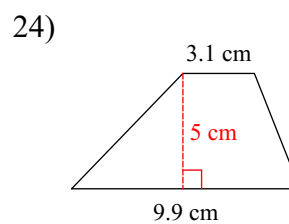
13.2 mi²



23.4 mi²



120 cm²



32.5 cm²