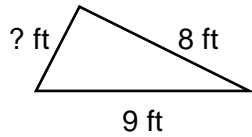
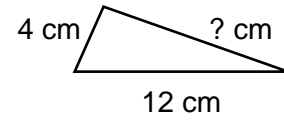




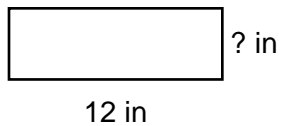
Find the length of the unknown side.



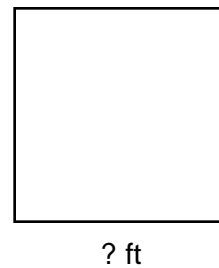
If the perimeter of this triangle is 21 ft, what is the length of the third side?



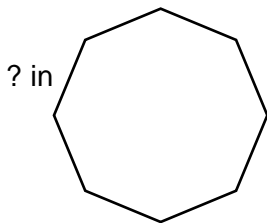
If the perimeter of this triangle is 27 cm, what is the length of the third side?



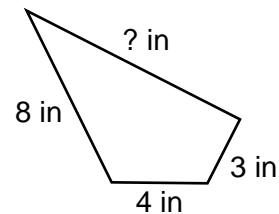
If the area of this rectangle is 48 in, what is the length of the unknown side?



If the area of this square is 25 square ft, what is the length of the unknown side?



If the perimeter of this regular octagon is 88 in, what is the length of each side?

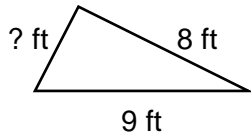


If the perimeter of this quadrilateral is 25 in, what is the length of the unknown side?



Answer Key

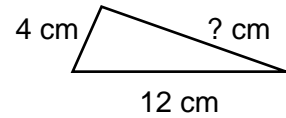
Find the length of the unknown side.



If the perimeter of this triangle is 21 ft, what is the length of the third side?

$$21 - (8 + 9) = 4$$

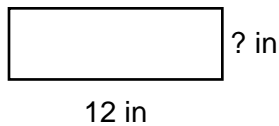
4 ft



If the perimeter of this triangle is 27 cm, what is the length of the third side?

$$27 - (12 + 4) = 11$$

11 cm



If the area of this rectangle is 48 in, what is the length of the unknown side?

$$48 \div 12 = 4$$

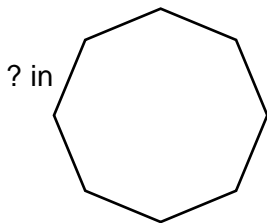
4 in



If the area of this square is 25 square ft, what is the length of the unknown side?

$$\sqrt{25} = 5$$

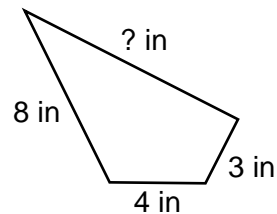
5 ft



If the perimeter of this regular octagon is 88 in, what is the length of each side?

$$88 \div 8 = 11$$

11 in



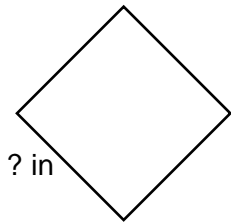
If the perimeter of this quadrilateral is 25 in, what is the length of the unknown side?

$$25 - (3 + 8 + 4) = 10$$

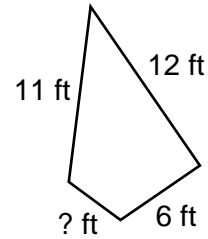
10 in



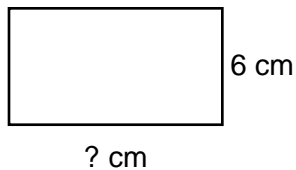
Find the length of the unknown side.



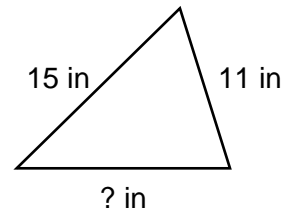
If the perimeter of this regular diamond is 28 in, what is the length of each side?



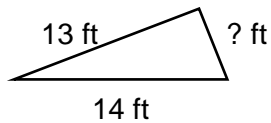
If the perimeter of this quadrilateral is 33 ft, what is the length of the unknown side?



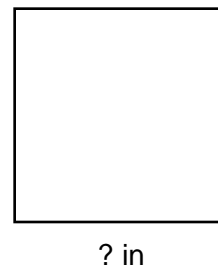
If the area of this rectangle is 66 cm, what is the length of the unknown side?



If the perimeter of this triangle is 40 in, what is the length of the third side?



If the perimeter of this triangle is 32 ft, what is the length of the third side?

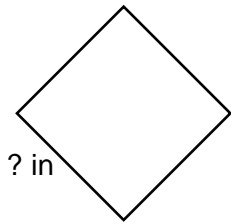


If the area of this square is 16 square in, what is the length of the unknown side?



Answer Key

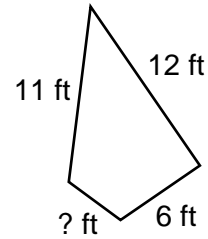
Find the length of the unknown side.



If the perimeter of this regular diamond is 28 in, what is the length of each side?

$$28 \div 4 = 7$$

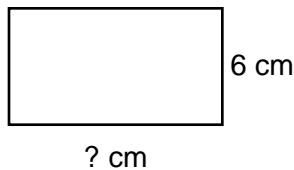
7 in



If the perimeter of this quadrilateral is 33 ft, what is the length of the unknown side?

$$33 - (6 + 12 + 11) = 4$$

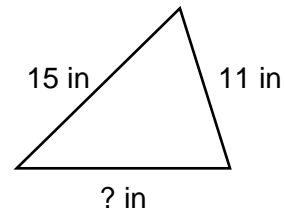
4 ft



If the area of this rectangle is 66 cm, what is the length of the unknown side?

$$66 \div 6 = 11$$

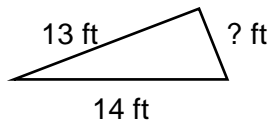
11 cm



If the perimeter of this triangle is 40 in, what is the length of the third side?

$$40 - (11 + 15) = 14$$

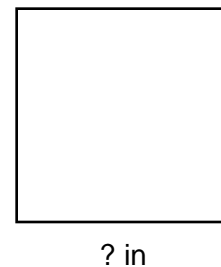
14 in



If the perimeter of this triangle is 32 ft, what is the length of the third side?

$$32 - (14 + 13) = 5$$

5 ft



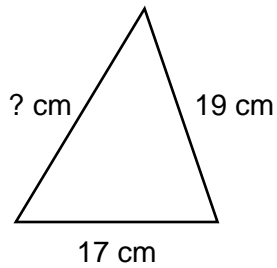
If the area of this square is 16 square in, what is the length of the unknown side?

$$\sqrt{16} = 4$$

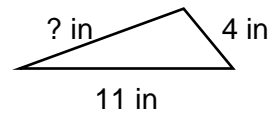
4 in



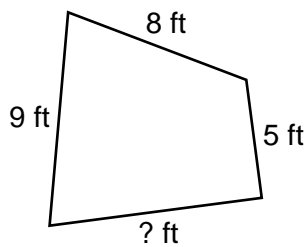
Find the length of the unknown side.



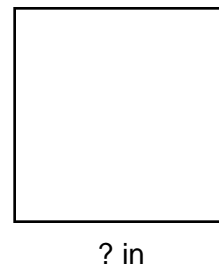
If the perimeter of this triangle is 57 cm, what is the length of the third side?



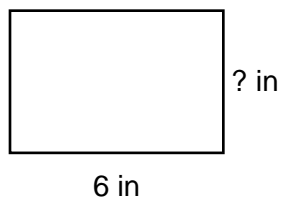
If the perimeter of this triangle is 24 in, what is the length of the third side?



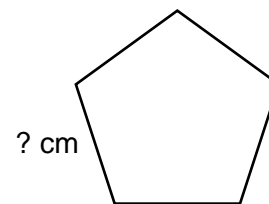
If the perimeter of this quadrilateral is 31 ft, what is the length of the unknown side?



If the area of this square is 25 square in, what is the length of the unknown side?



If the area of this rectangle is 24 in, what is the length of the unknown side?

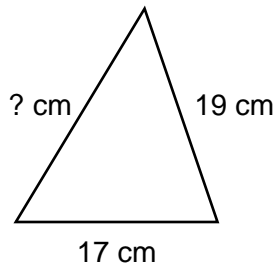


If the perimeter of this regular pentagon is 25 cm, what is the length of each side?



Answer Key

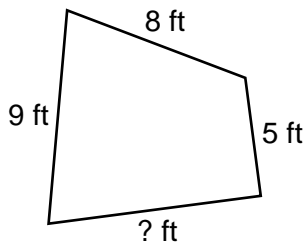
Find the length of the unknown side.



If the perimeter of this triangle is 57 cm, what is the length of the third side?

$$57 - (19 + 17) = 21$$

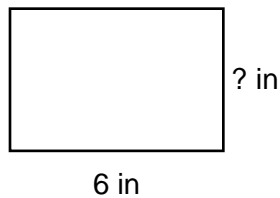
21 cm



If the perimeter of this quadrilateral is 31 ft, what is the length of the unknown side?

$$31 - (5 + 8 + 9) = 9$$

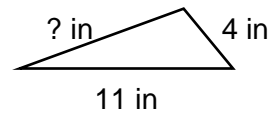
9 ft



If the area of this rectangle is 24 in, what is the length of the unknown side?

$$24 \div 6 = 4$$

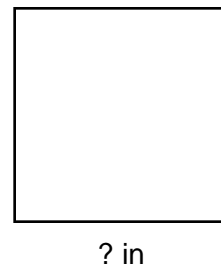
4 in



If the perimeter of this triangle is 24 in, what is the length of the third side?

$$24 - (4 + 11) = 9$$

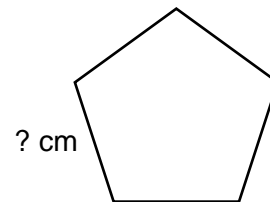
9 in



If the area of this square is 25 square in, what is the length of the unknown side?

$$\sqrt{25} = 5$$

5 in



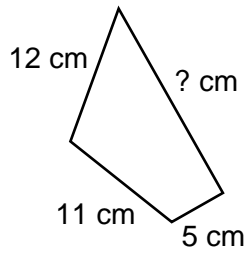
If the perimeter of this regular pentagon is 25 cm, what is the length of each side?

$$25 \div 5 = 5$$

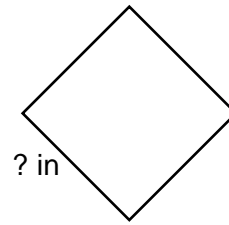
5 cm



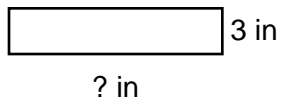
Find the length of the unknown side.



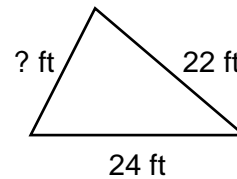
If the perimeter of this quadrilateral is 46 cm, what is the length of the unknown side?



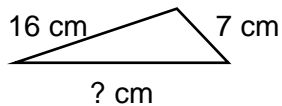
If the perimeter of this regular diamond is 68 in, what is the length of each side?



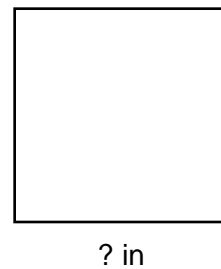
If the area of this rectangle is 42 in, what is the length of the unknown side?



If the perimeter of this triangle is 62 ft, what is the length of the third side?



If the perimeter of this triangle is 43 cm, what is the length of the third side?

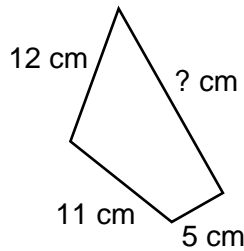


If the area of this square is 100 square in, what is the length of the unknown side?



Answer Key

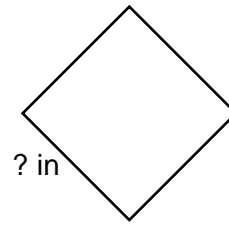
Find the length of the unknown side.



If the perimeter of this quadrilateral is 46 cm, what is the length of the unknown side?

$$46 - (5 + 12 + 11) = 18$$

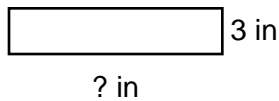
18 cm



If the perimeter of this regular diamond is 68 in, what is the length of each side?

$$68 \div 4 = 17$$

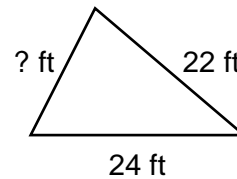
17 in



If the area of this rectangle is 42 in, what is the length of the unknown side?

$$42 \div 3 = 14$$

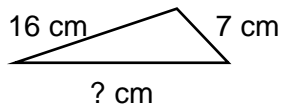
14 in



If the perimeter of this triangle is 62 ft, what is the length of the third side?

$$62 - (22 + 24) = 16$$

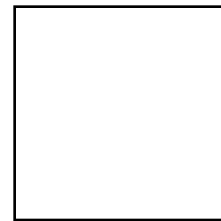
16 ft



If the perimeter of this triangle is 43 cm, what is the length of the third side?

$$43 - (7 + 16) = 20$$

20 cm



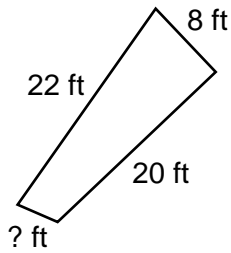
If the area of this square is 100 square in, what is the length of the unknown side?

$$\sqrt{100} = 10$$

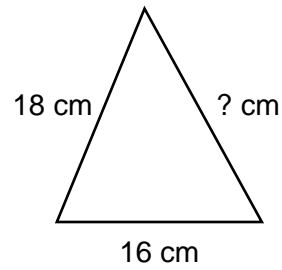
10 in



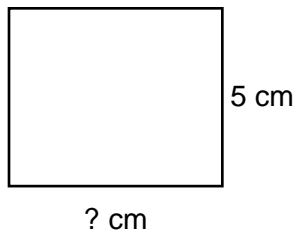
Find the length of the unknown side.



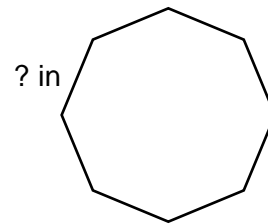
If the perimeter of this quadrilateral is 54 ft, what is the length of the unknown side?



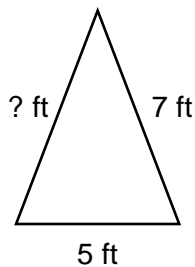
If the perimeter of this triangle is 53 cm, what is the length of the third side?



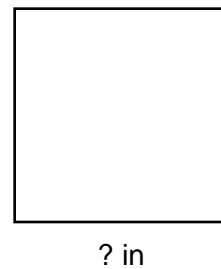
If the area of this rectangle is 30 cm, what is the length of the unknown side?



If the perimeter of this regular octagon is 40 in, what is the length of each side?



If the perimeter of this triangle is 19 ft, what is the length of the third side?

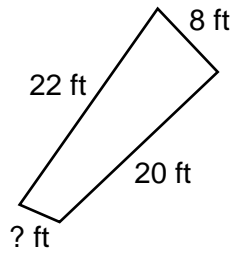


If the area of this square is 64 square in, what is the length of the unknown side?



Answer Key

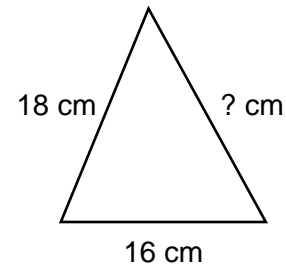
Find the length of the unknown side.



If the perimeter of this quadrilateral is 54 ft, what is the length of the unknown side?

$$54 - (20 + 8 + 22) = 4$$

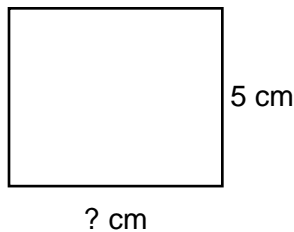
4 ft



If the perimeter of this triangle is 53 cm, what is the length of the third side?

$$53 - (16 + 18) = 19$$

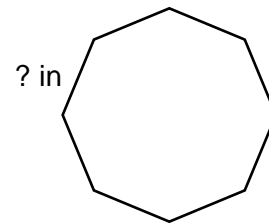
19 cm



If the area of this rectangle is 30 cm, what is the length of the unknown side?

$$30 \div 5 = 6$$

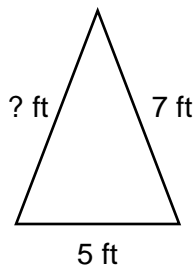
6 cm



If the perimeter of this regular octagon is 40 in, what is the length of each side?

$$40 \div 8 = 5$$

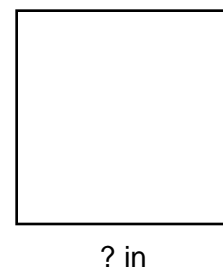
5 in



If the perimeter of this triangle is 19 ft, what is the length of the third side?

$$19 - (7 + 5) = 7$$

7 ft



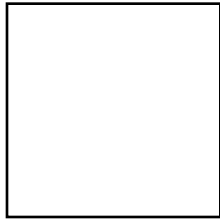
If the area of this square is 64 square in, what is the length of the unknown side?

$$\sqrt{64} = 8$$

8 in

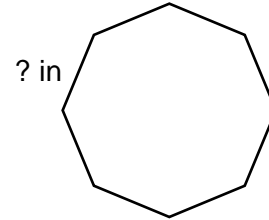


Find the length of the unknown side.



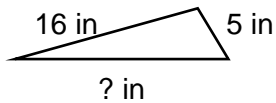
? in

If the area of this square is 9 square in, what is the length of the unknown side?



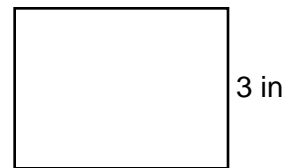
? in

If the perimeter of this regular octagon is 32 in, what is the length of each side?



? in

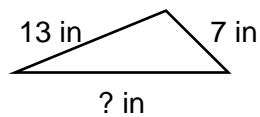
If the perimeter of this triangle is 39 in, what is the length of the third side?



3 in

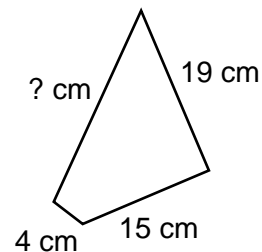
? in

If the area of this rectangle is 12 in, what is the length of the unknown side?



? in

If the perimeter of this triangle is 37 in, what is the length of the third side?



? cm

19 cm

4 cm

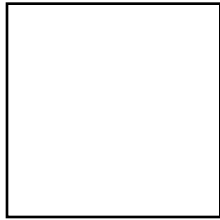
15 cm

If the perimeter of this quadrilateral is 61 cm, what is the length of the unknown side?



Answer Key

Find the length of the unknown side.

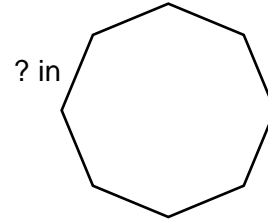


? in

If the area of this square is 9 square in, what is the length of the unknown side?

$$\sqrt{9} = 3$$

3 in

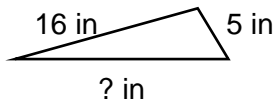


? in

If the perimeter of this regular octagon is 32 in, what is the length of each side?

$$32 \div 8 = 4$$

4 in



16 in

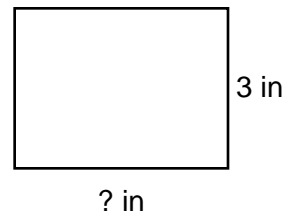
5 in

? in

If the perimeter of this triangle is 39 in, what is the length of the third side?

$$39 - (5 + 16) = 18$$

18 in



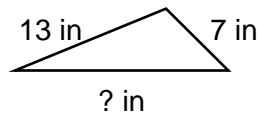
3 in

? in

If the area of this rectangle is 12 in, what is the length of the unknown side?

$$12 \div 3 = 4$$

4 in



13 in

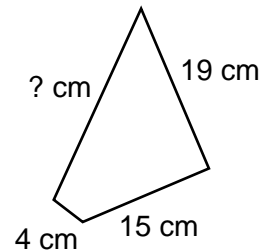
7 in

? in

If the perimeter of this triangle is 37 in, what is the length of the third side?

$$37 - (7 + 13) = 17$$

17 in



? cm

19 cm

4 cm

15 cm

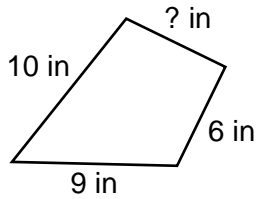
If the perimeter of this quadrilateral is 61 cm, what is the length of the unknown side?

$$61 - (15 + 19 + 4) = 23$$

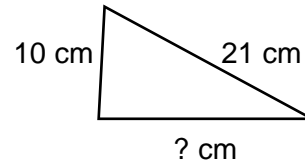
23 cm



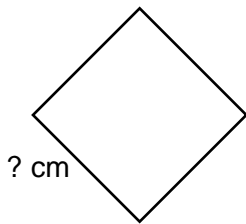
Find the length of the unknown side.



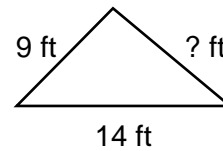
If the perimeter of this quadrilateral is 31 in, what is the length of the unknown side?



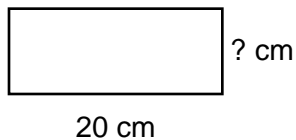
If the perimeter of this triangle is 50 cm, what is the length of the third side?



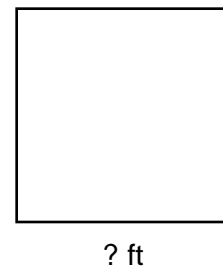
If the perimeter of this regular diamond is 48 cm, what is the length of each side?



If the perimeter of this triangle is 33 ft, what is the length of the third side?



If the area of this rectangle is 160 cm, what is the length of the unknown side?

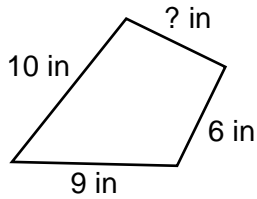


If the area of this square is 4 square ft, what is the length of the unknown side?



Answer Key

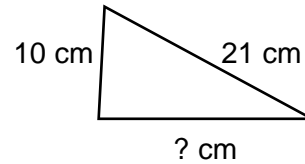
Find the length of the unknown side.



If the perimeter of this quadrilateral is 31 in, what is the length of the unknown side?

$$31 - (6 + 10 + 9) = 6$$

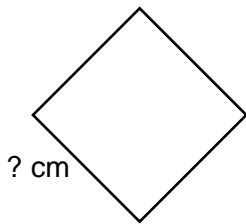
6 in



If the perimeter of this triangle is 50 cm, what is the length of the third side?

$$50 - (21 + 10) = 19$$

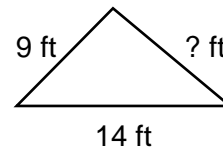
19 cm



If the perimeter of this regular diamond is 48 cm, what is the length of each side?

$$48 \div 4 = 12$$

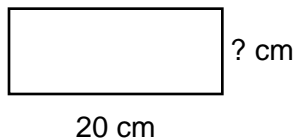
12 cm



If the perimeter of this triangle is 33 ft, what is the length of the third side?

$$33 - (14 + 9) = 10$$

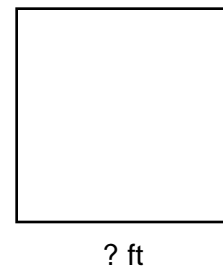
10 ft



If the area of this rectangle is 160 cm, what is the length of the unknown side?

$$160 \div 20 = 8$$

8 cm



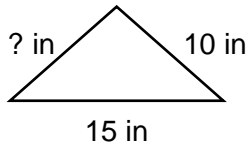
If the area of this square is 4 square ft, what is the length of the unknown side?

$$\sqrt{4} = 2$$

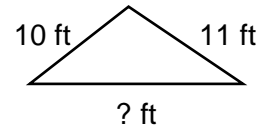
2 ft



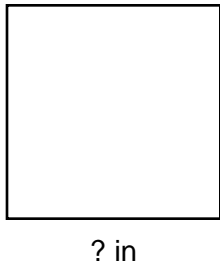
Find the length of the unknown side.



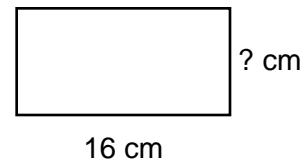
If the perimeter of this triangle is 35 in, what is the length of the third side?



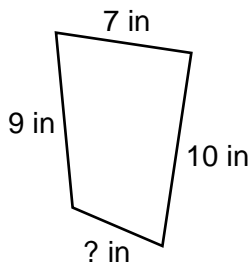
If the perimeter of this triangle is 38 ft, what is the length of the third side?



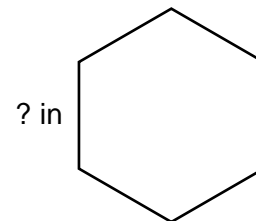
If the area of this square is 100 square in, what is the length of the unknown side?



If the area of this rectangle is 128 cm, what is the length of the unknown side?



If the perimeter of this quadrilateral is 31 in, what is the length of the unknown side?

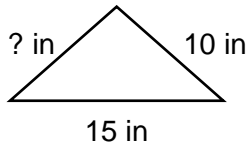


If the perimeter of this regular hexagon is 36 in, what is the length of each side?



Answer Key

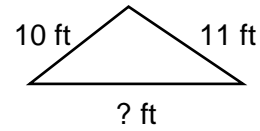
Find the length of the unknown side.



If the perimeter of this triangle is 35 in, what is the length of the third side?

$$35 - (10 + 15) = 10$$

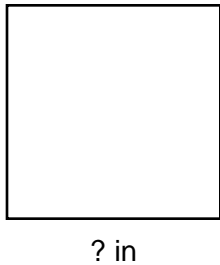
10 in



If the perimeter of this triangle is 38 ft, what is the length of the third side?

$$38 - (11 + 10) = 17$$

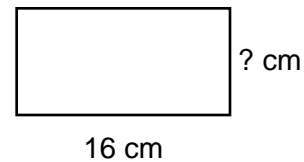
17 ft



If the area of this square is 100 square in, what is the length of the unknown side?

$$\sqrt{100} = 10$$

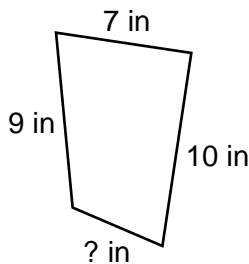
10 in



If the area of this rectangle is 128 cm, what is the length of the unknown side?

$$128 \div 16 = 8$$

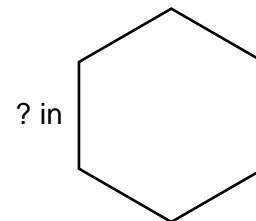
8 cm



If the perimeter of this quadrilateral is 31 in, what is the length of the unknown side?

$$31 - (10 + 7 + 9) = 5$$

5 in



If the perimeter of this regular hexagon is 36 in, what is the length of each side?

$$36 \div 6 = 6$$

6 in



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