

Name: Class:

Perimeter: word problems

Peter owns a triangular orchard that is 5 meters high, 4 meters wide and another side that measures 9 meters. What is the perimeter of the triangular orchard in centimeters?



The perimeter of a rectangular garden is 13 meters. The garden is 3 meters wide. How long is the garden?

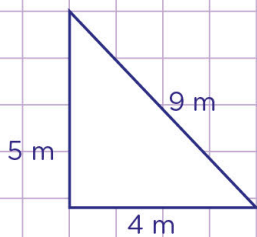


Joy owns a square screen and each side is 30 centimeters long. Find the perimeter of the screen in millimeters.

Name: Class:

Perimeter: word problems

Peter owns a triangular orchard that is 5 meters high, 4 meters wide and another side that measures 9 meters. What is the perimeter of the triangular orchard in centimeters?



Let's first of all imagine and draw the triangular orchard.

let's use the formular.

perimeter = total length of sides

$$(5 + 9 + 4) \text{ m} = 18 \text{ m}$$

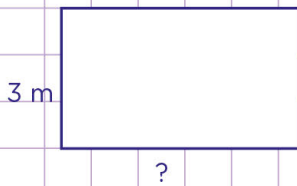
Finally, let's convert 18m into centimeters.

We know that, 1 m = 100cm

$$\text{So, } 18\text{m} = 18 \times 100 \text{ cm} = 1,800 \text{ cm.}$$



The perimeter of a rectangular garden is 13 meters. The garden is 3 meters wide. How long is the garden?



Let's first of all imagine and draw the rectangular garden.

let's use the formular.

perimeter = total length of sides

$$13 \text{ m} = 3\text{m} + ? + 3\text{m} + ?$$

$$13\text{m} = 6\text{m} + 2?$$

$$13 - 6 = 2?$$

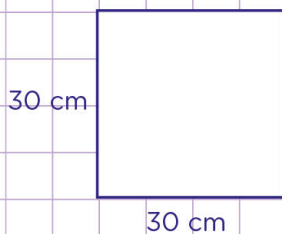
$$7\text{m} = 2?$$

$$? = 7 / 2 = 3.5$$

So, the garden is 3.5 meters long.



Joy owns a square screen and each side is 30 centimeters long. Find the perimeter of the screen in millimeters.



Let's first of all imagine and draw the square screen.

let's use the formular.

perimeter = total length of sides

$$\text{perimeter} = 30\text{cm} \times 4 = 120 \text{ cm}$$

As we know, 1cm = 10 mm

So, the perimeter of the square screen is 1,200 mm.