

Find the value of:

1) **s**

$$5s + 10 = 6s + 5$$

2) **w**

$$4w + 8 = 2w + 20$$

3) **a**

$$4a + 50 = 2a + 250$$

4) **v**

$$10v + 50 = 15v + 40$$

5) **e**

$$5e + 15 = 7e + 1$$

6) **s**

$$2s + 10 = 6s - 10$$

7) **e**

$$4e + 32 = 9e - 3$$

8) **y**

$$10y - 15 = 8y + 1$$

$$v = 100 + 2t$$

- a) If v is worth 200, what is the value of t ?
b) If t is worth 7, what is value of v ?
-

$$4s + 10 = m$$

- c) If s is worth 100, what is the value of m ?
d) If m is worth 50, what is value of s ?
-

$$10k - 20 = r$$

- e) If k is worth 5, what is the value of r ?
f) If r is worth 80, what is the value of k
-

$$8n \div 4 = y$$

- g) If n is worth 10, what is the value of y ?
h) If y is worth 4, what is the value of n ?

1) $\boxed{14} \text{ --- } \boxed{} \text{ --- } \boxed{22}$
halfway
between

2) $\boxed{130} \text{ --- } \boxed{} \text{ --- } \boxed{210}$
halfway
between

3) $\boxed{980} \text{ --- } \boxed{} \text{ --- } \boxed{1200}$
halfway
between

4) $\boxed{7} \text{ --- } \boxed{} \text{ --- } \boxed{7.5}$
halfway
between

5) $\boxed{6.6} \text{ --- } \boxed{} \text{ --- } \boxed{10}$
halfway
between

6) $\boxed{111} \text{ --- } \boxed{} \text{ --- } \boxed{120}$
halfway
between

7) $\boxed{56.2} \text{ --- } \boxed{} \text{ --- } \boxed{57}$
halfway
between

8) $\boxed{11.5} \text{ --- } \boxed{} \text{ --- } \boxed{13}$
halfway
between

9) $\boxed{99.9} \text{ --- } \boxed{} \text{ --- } \boxed{100}$
halfway
between

10) $\boxed{67} \text{ --- } \boxed{} \text{ --- } \boxed{107.2}$
halfway
between

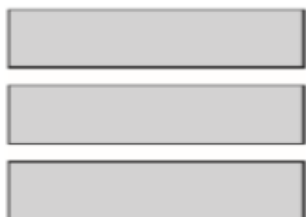
1)

The **area** of this square is 81cm^2



Not actual size

The square is cut into thirds, creating identical rectangles

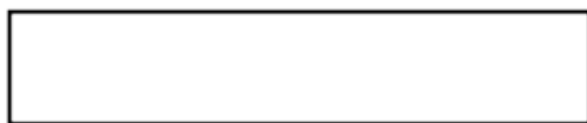


What is the **perimeter** of **one** of the small rectangles?



2) The area of this rectangle is 72cm^2

4cm



(Not to scale)

?

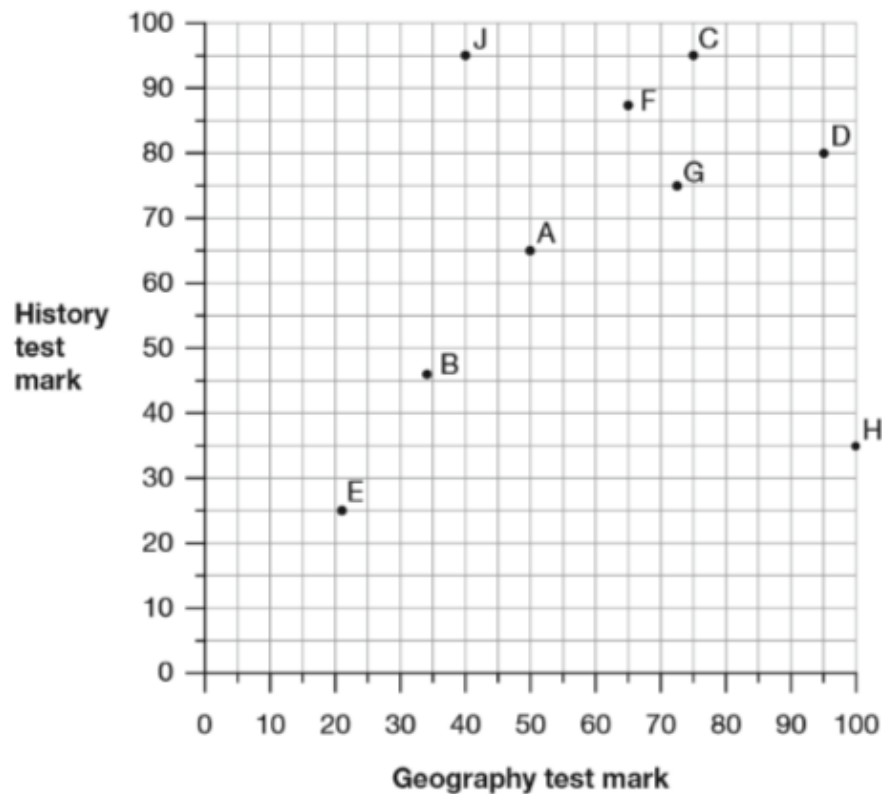
The rectangle is cut into 4 equal pieces, creating identical rectangles



What is the perimeter of one of the small rectangles?

The scatter graph shows the test results for nine children.

Each letter stands for one child.



1) What is the **range** of Geography marks for these children?

2) What is the **median** History mark for these children?
