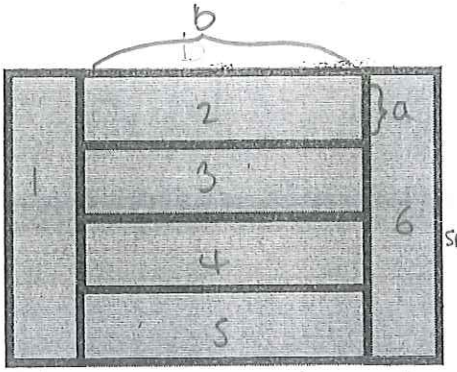
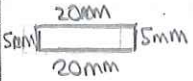


600÷6=100
area of one small rectangle □ = 100cm²

Area of whole rectangle = 600mm²

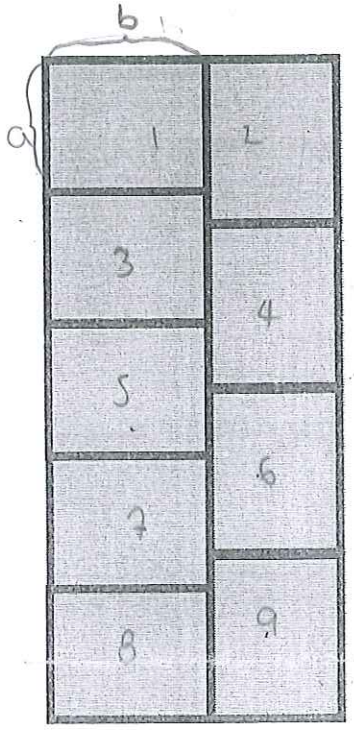


20×2=40
5×2=10
40+10=50
perimeter = 50mm

The longer side (b) = 4a
Therefore...
~~1×100~~ (5×20) ~~2×50~~ ~~4×25~~

a □ b area = a×b
factors of 100:
1×100
2×50
4×25
5×20

(d)

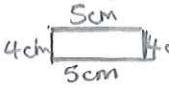


Area of whole rectangle = 180cm²

180÷9=20
area of one small rectangle □ = 20cm²

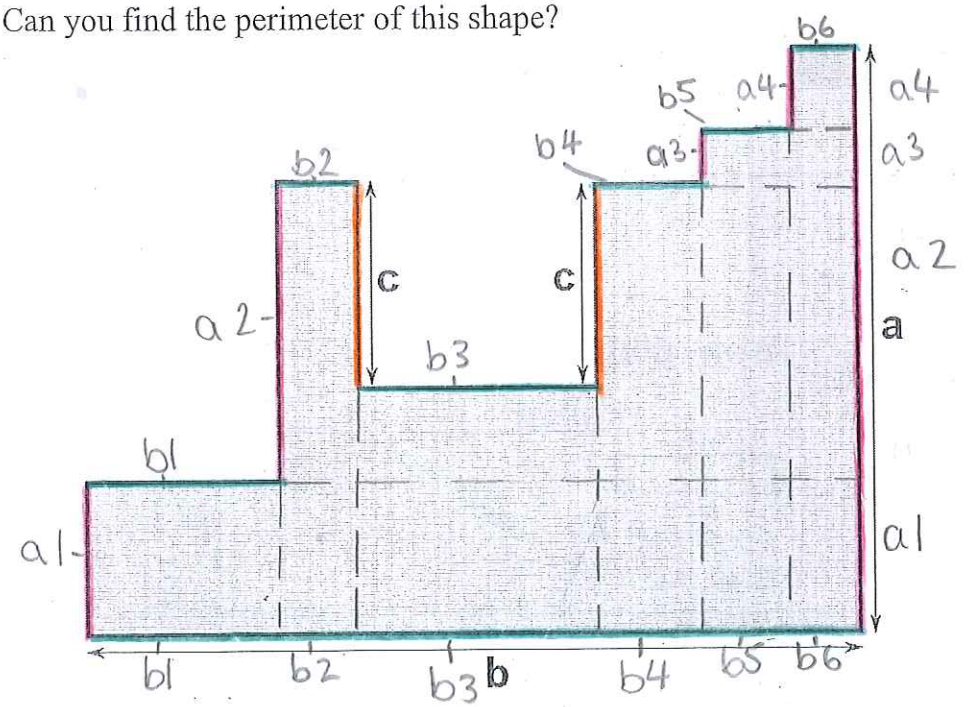
a □ b area = a×b
factors of 20:
1×20
2×10
4×5

The longer side (b)×4 = the shorter side (a)×5
Therefore...
~~1×20~~
~~2×10~~
(4×5) 5×4 = 4×5



5×2=10
4×2=8
10+8=18
perimeter = 18cm

Can you find the perimeter of this shape?



a1 + a2 + a3 + a4 = a

b1 + b2 + b3 + b4 + b5 + b6 = b

perimeter = ~~2a + 2b~~ + 2c = 2(a+b+c)

Brilliant

You may wish to try Perimeter Possibilities next.