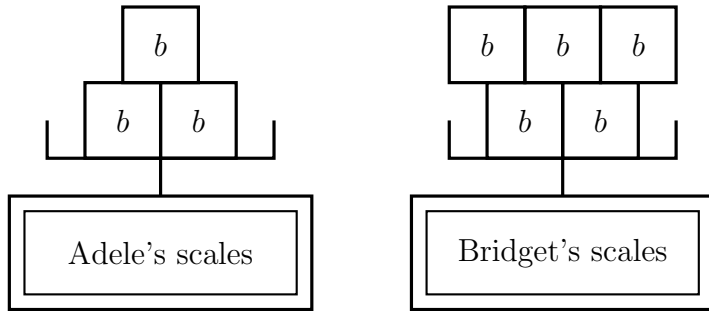


1. Adele and Bridget are weighing some boxes.



b is the weight of each box

$b = 10$ kg

Complete this table

Name	weight (in terms of b)	weight (kg)
Adele	$3b$	30
Bridget	$5b$	

2. Here are some shapes made from tiles.



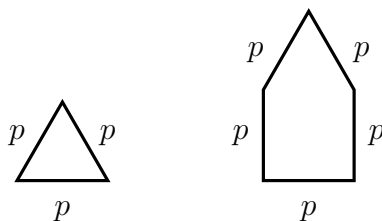
t is the area of each tile

$t = 5$ cm²

Complete this table

shape	area (in terms of t)	area (cm ²)
trapezium	$3t$	15
parallelogram	$4t$	

3. Here are some shapes made from bean poles.



p is the length of each bean pole

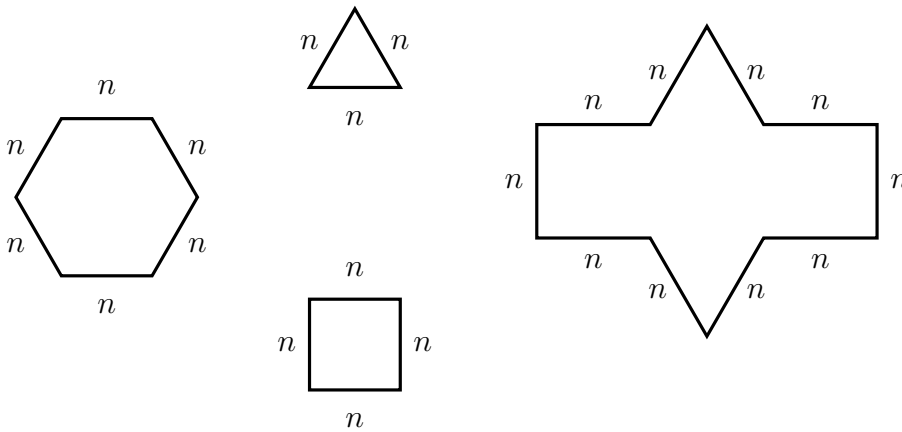
$p = 2$ metre

Complete this table

shape	perimeter (in terms of p)	perimeter (metre)
triangle	$3p$	6
pentagon	$5p$	

Turn over for more questions

4. Here are some shapes made from nails.

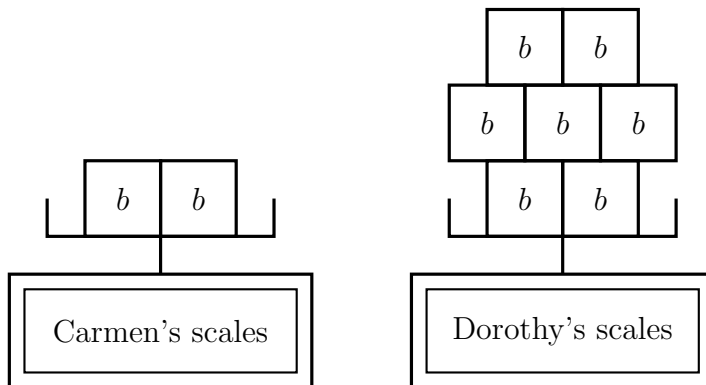


n is the length of each nail
 $n = 5$ cm

Complete this table

shape	perimeter (in terms of n)	perimeter (cm)
hexagon	$6n$	30
triangle	$3n$	
square	$4n$	
decagon	$10n$	

5. Carmen and Dorothy are weighing some boxes.



b is the weight of each box
 $b = 2$ kg

Complete this table

Name	weight (in terms of b)	weight (kg)
Carmen	$2b$	4
Dorothy	$7b$	

Answers

- (1) 50 (2) 10 (4) 15, 20, 50 (5) 14