

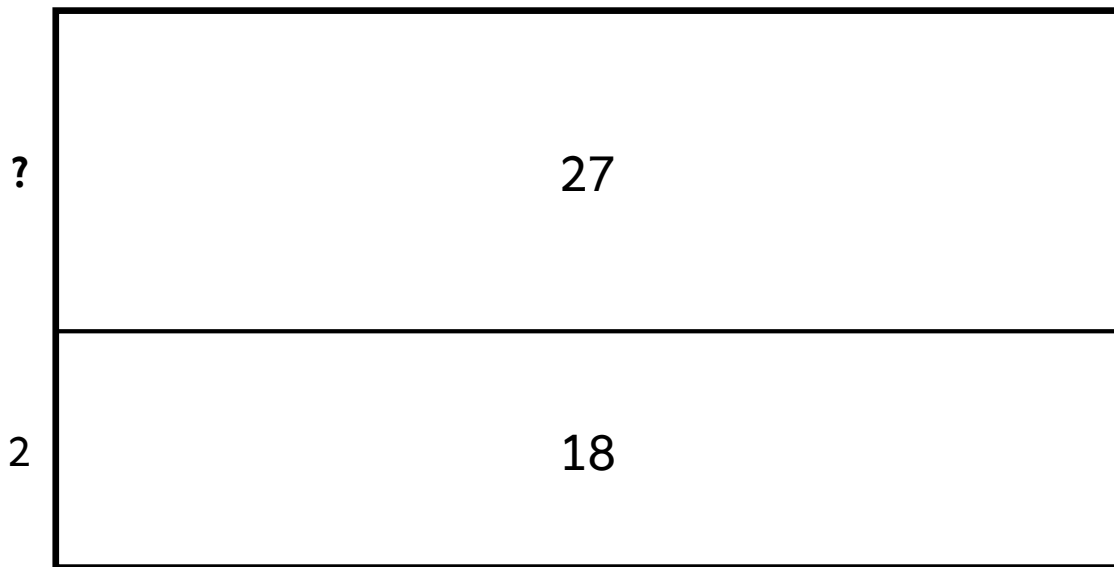


Learn a new puzzle

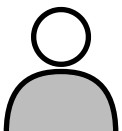
Area Puzzles



Find the missing number. Not drawn to scale.



- 1 Area = length $\times$ width.
- 2 If you know the area and one side, divide to find the other side.
- 3 Rectangles in the same row share a height; in the same column, a width.



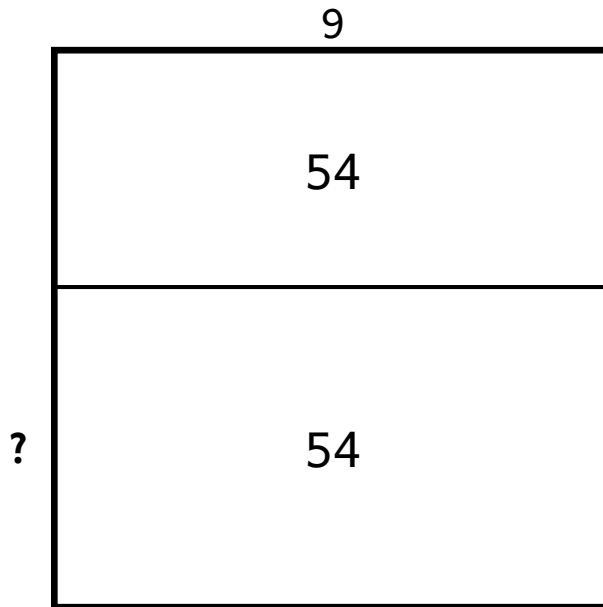
Which rectangle can you finish first?



1

Area Puzzles

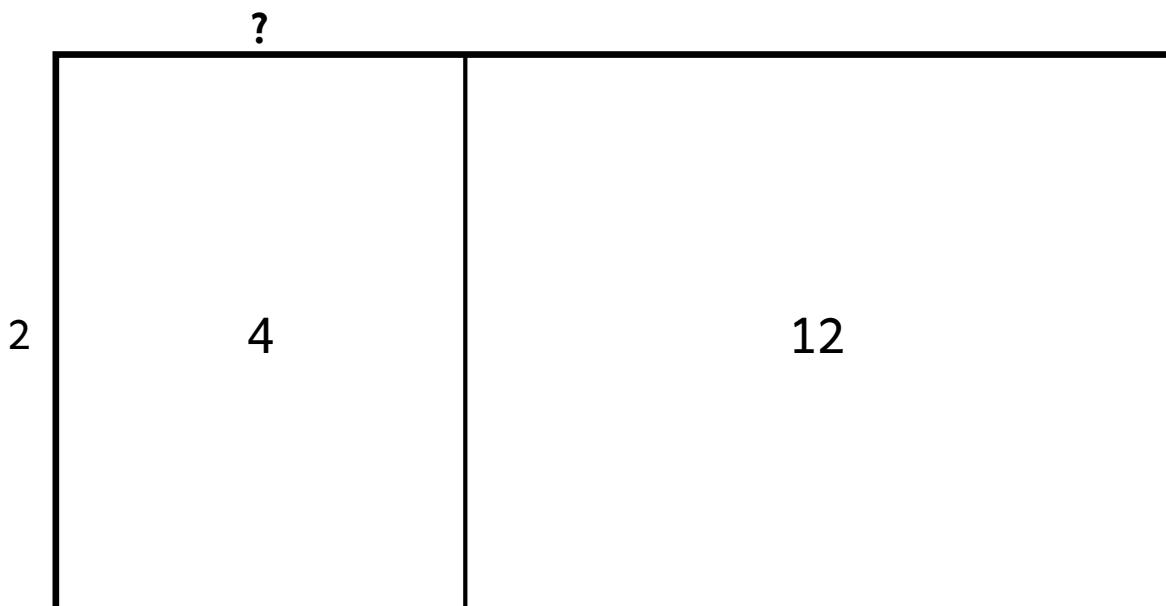
Numbers inside are areas; numbers on the sides are lengths. Find the length marked ?. Not drawn to scale.



2

Area Puzzles

Numbers inside are areas; numbers on the sides are lengths. Find the length marked ?. Not drawn to scale.

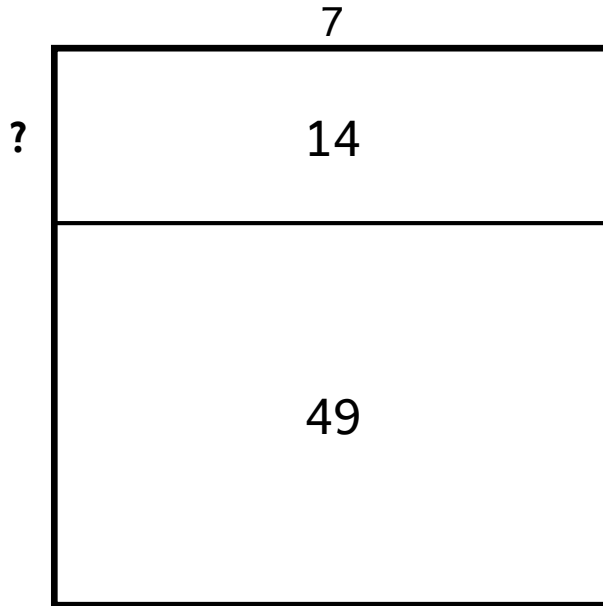




3

Area Puzzles

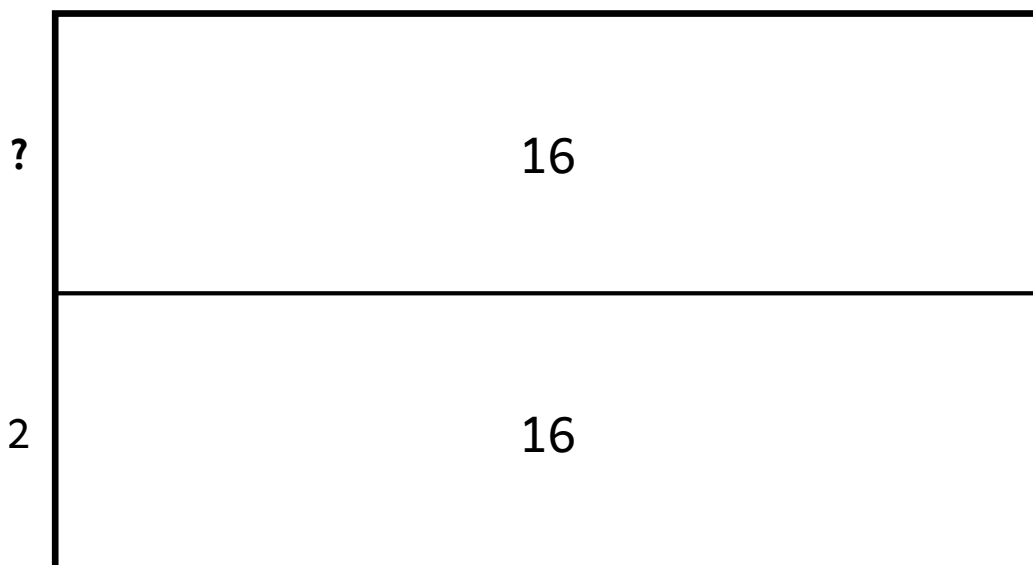
Numbers inside are areas; numbers on the sides are lengths. Find the length marked ?. Not drawn to scale.



4

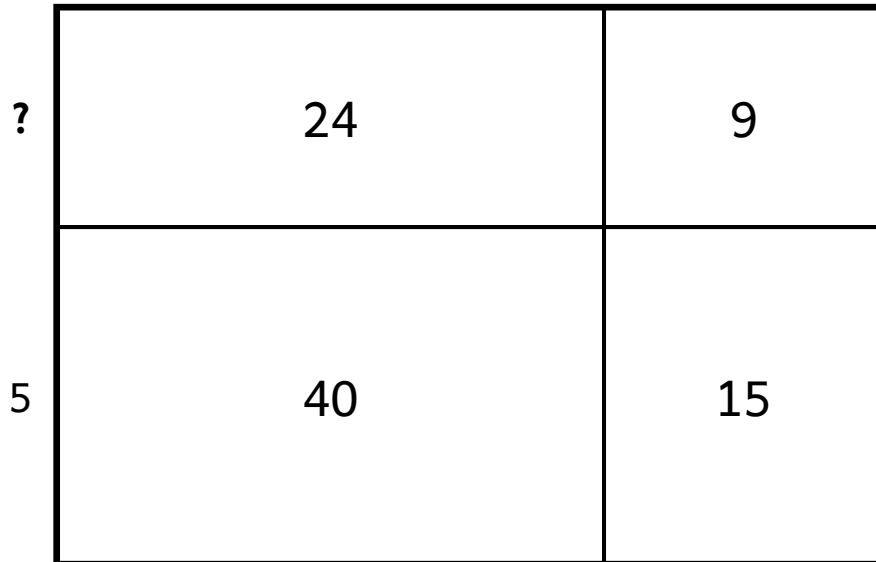
Area Puzzles

Numbers inside are areas; numbers on the sides are lengths. Find the length marked ?. Not drawn to scale.

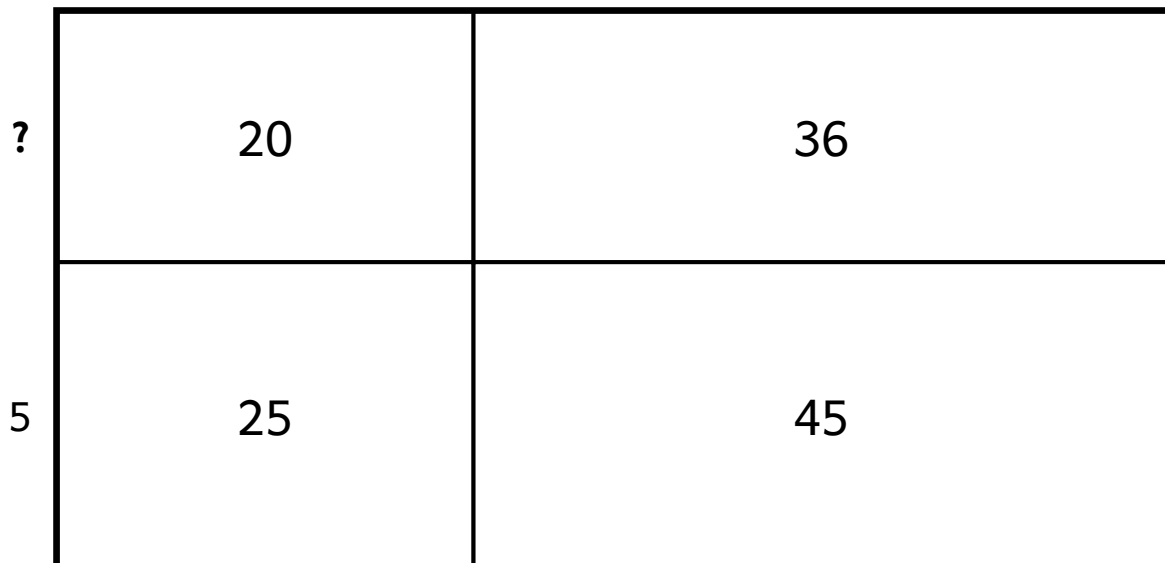


**5****Area Puzzles**

Numbers inside are areas; numbers on the sides are lengths. Find the length marked ?. Not drawn to scale.

**6****Area Puzzles**

Numbers inside are areas; numbers on the sides are lengths. Find the length marked ?. Not drawn to scale.

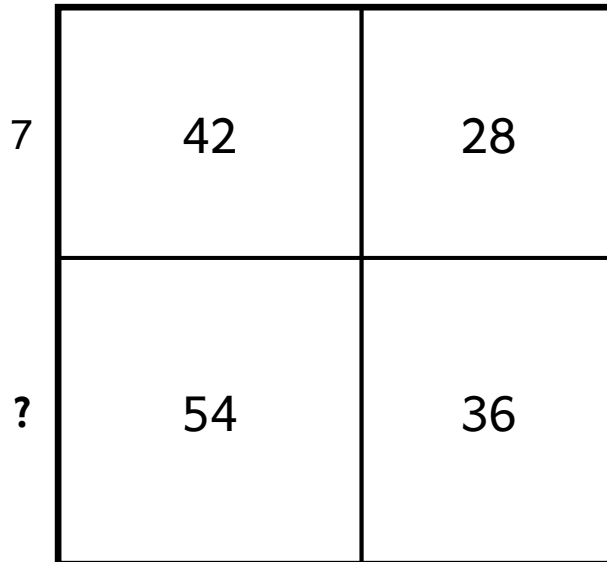




7

Area Puzzles

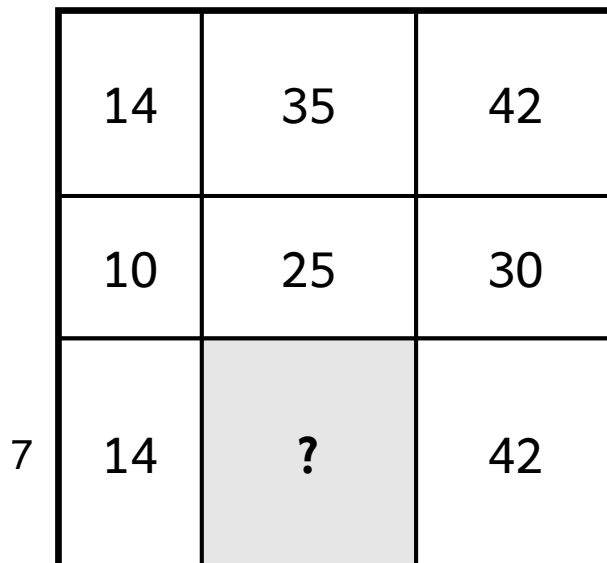
Numbers inside are areas; numbers on the sides are lengths. Find the length marked ?. Not drawn to scale.



8

Area Puzzles

Numbers inside are areas; numbers on the sides are lengths. Find the area marked ?. Not drawn to scale.



**9****Area Puzzles**

Numbers inside are areas; numbers on the sides are lengths.
Find the area marked ?. Not drawn to scale.



2	12	?	6
	36	12	18
	36		18

10**Area Puzzles**

Numbers inside are areas; numbers on the sides are lengths. A long line outside shows a whole side. Find the area marked ?. Not drawn to scale.



5		?		
	10	6	12	
	15	9	18	
	40	24	48	
				22

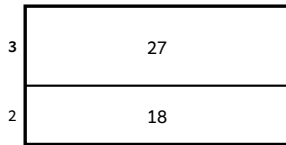


Answers

For grown-ups. Cut off or keep this page aside until the puzzles are done.

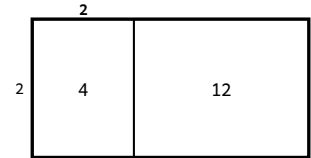
Learn · Area Puzzles

#1



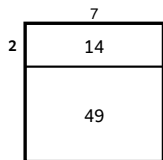
6. $54 \div 9 = 6$; $54 \div 9 = 6$.

#2



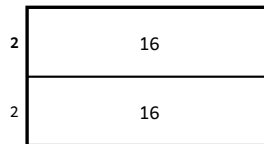
2. $4 \div 2 = 2$.

#3



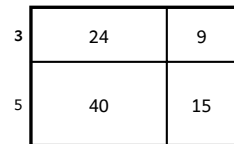
2. $14 \div 7 = 2$.

#4



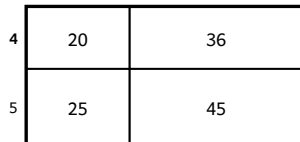
2. $16 \div 2 = 8$; $16 \div 8 = 2$.

#5



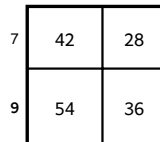
3. $40 \div 5 = 8$; $15 \div 5 = 3$; $24 \div 8 = 3$.

#6



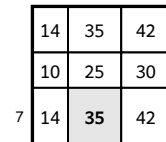
4. $25 \div 5 = 5$; $45 \div 5 = 9$; $20 \div 5 = 4$.

#7



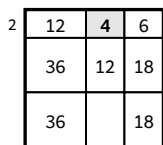
9. $42 \div 7 = 6$; $28 \div 7 = 4$; $54 \div 6 = 9$.

#8



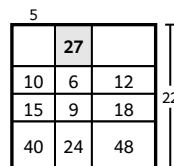
35. $14 \div 7 = 2$; $42 \div 7 = 6$; $14 \div 2 = 7$; $35 \div 7 = 5$; $10 \div 2 = 5$; $5 \times 7 = 35$.

#9



4. $12 \div 2 = 6$; $6 \div 2 = 3$; $36 \div 6 = 6$; $12 \div 6 = 2$; $36 \div 6 = 6$; $2 \times 6 = 12$; $2 \times 2 = 4$.

#10



27. $10 \div 5 = 2$; then $6 \div 2 = 3$; then $15 \div 5 = 3$; then $40 \div 5 = 8$; then take away: whole height $22 - 2 - 3 - 8 = 9$; then $3 \times 9 = 27$.