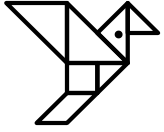


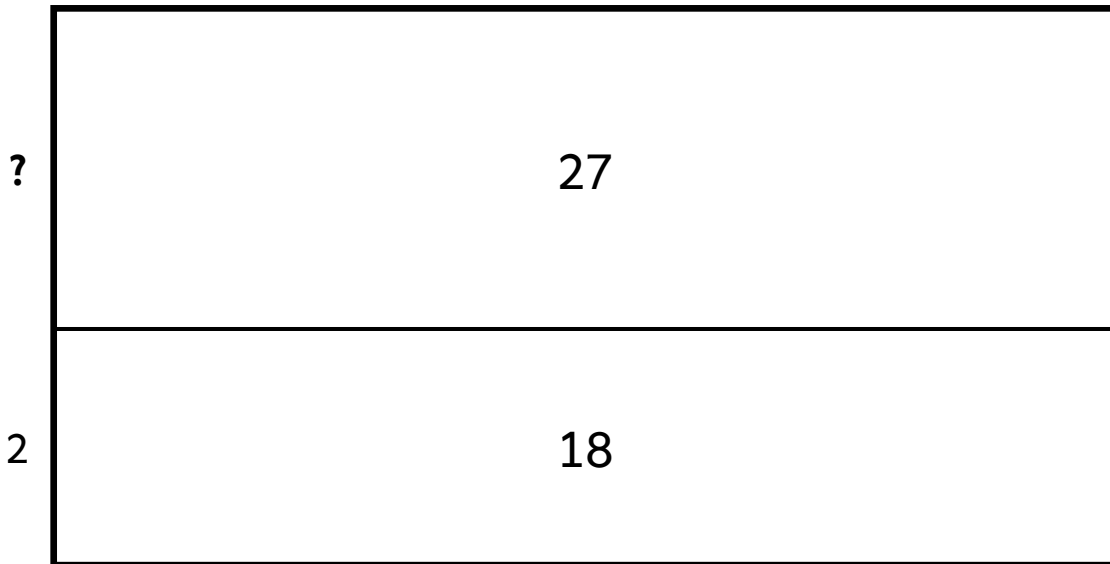


Learn a new puzzle

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.



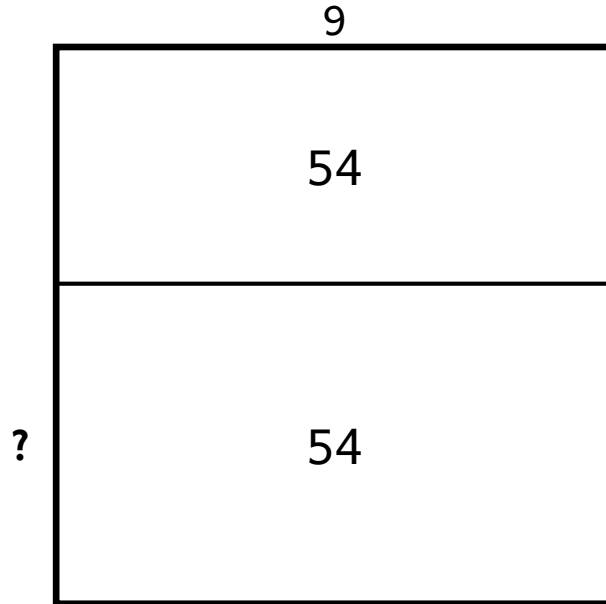
Which rectangle can you finish first?



1

Area Puzzles

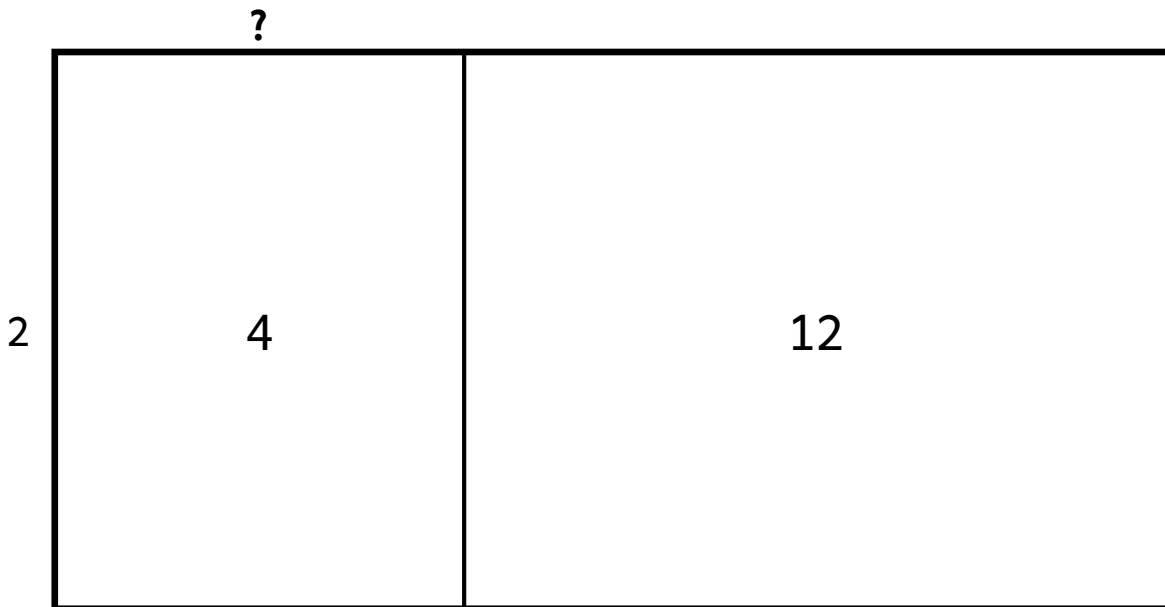
Numbers inside are areas; numbers on the sides are lengths. Find the length marked ?. Not drawn to scale.



2

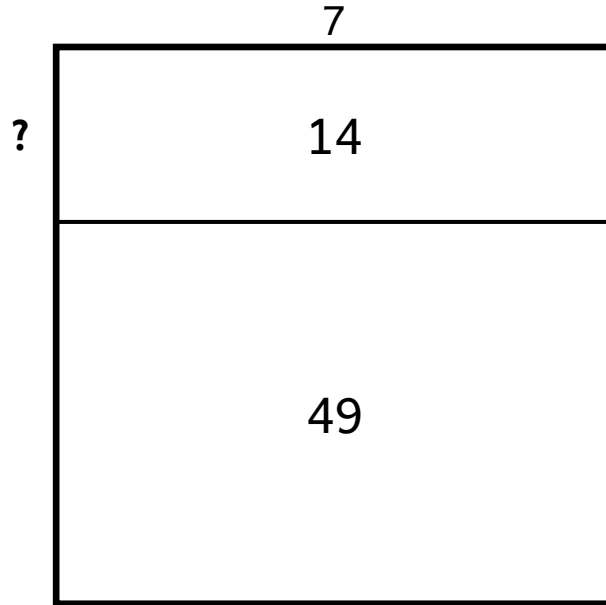
Area Puzzles

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

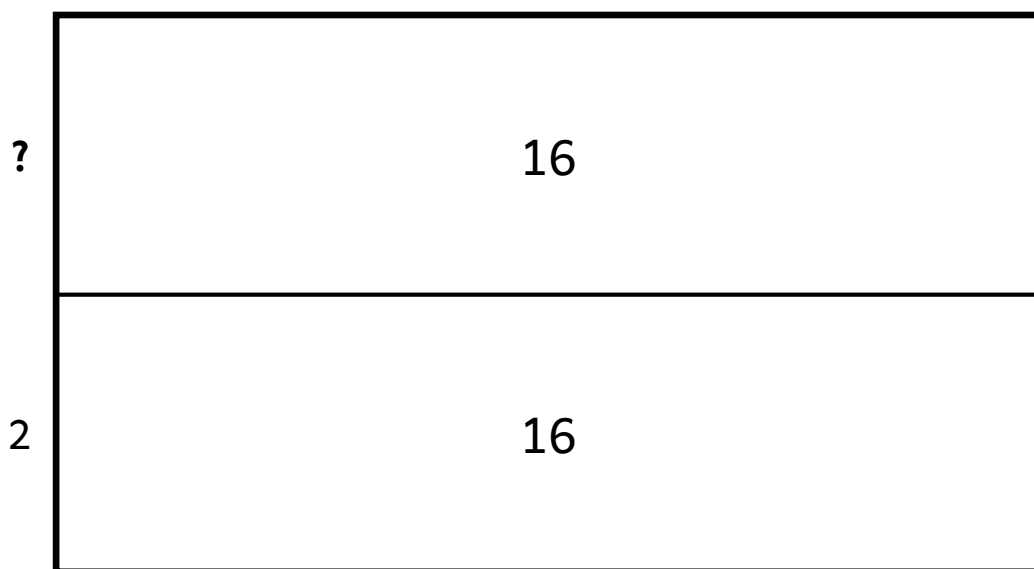


**3****Area Puzzles**

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

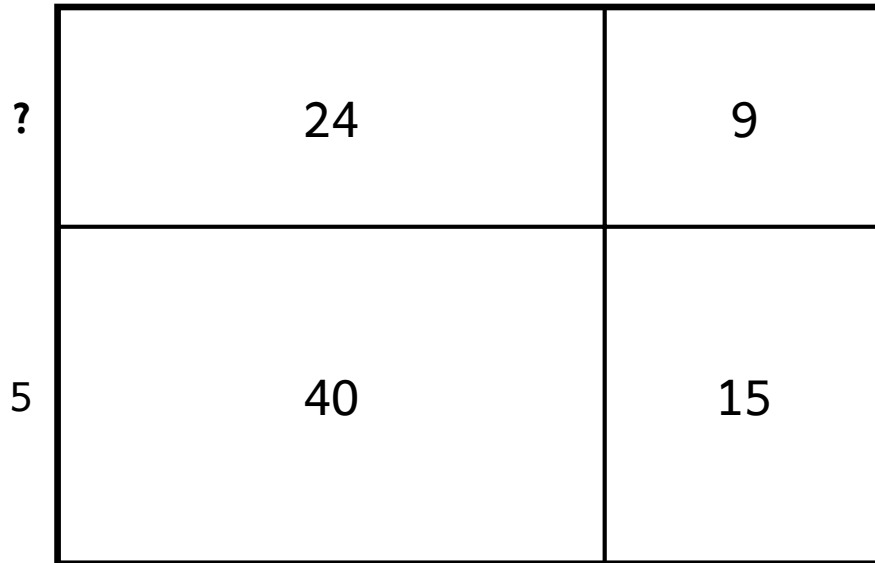
**4****Area Puzzles**

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

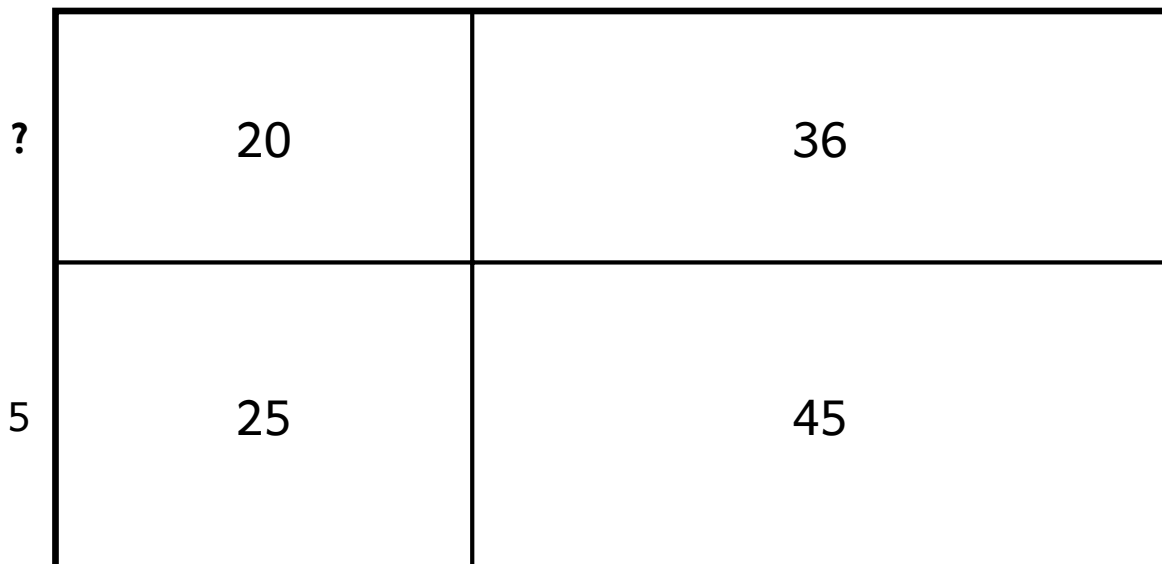


**5****Area Puzzles**

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

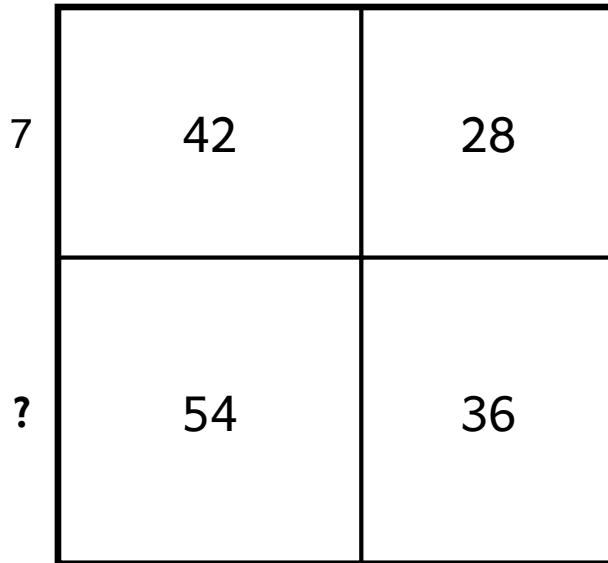
**6****Area Puzzles**

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

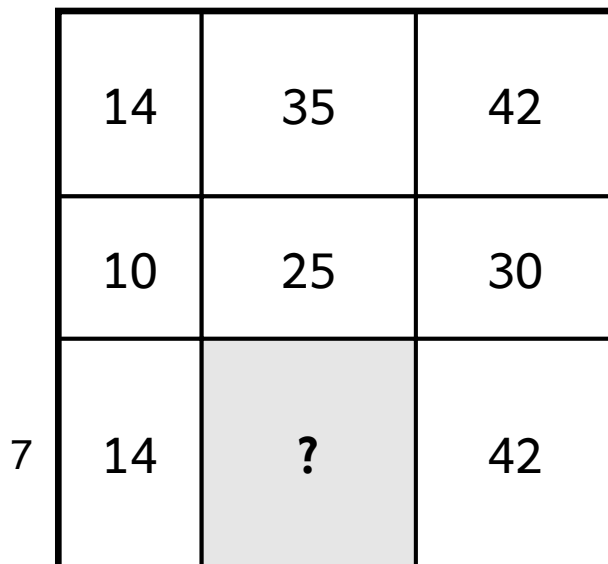


**7****Area Puzzles**

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.

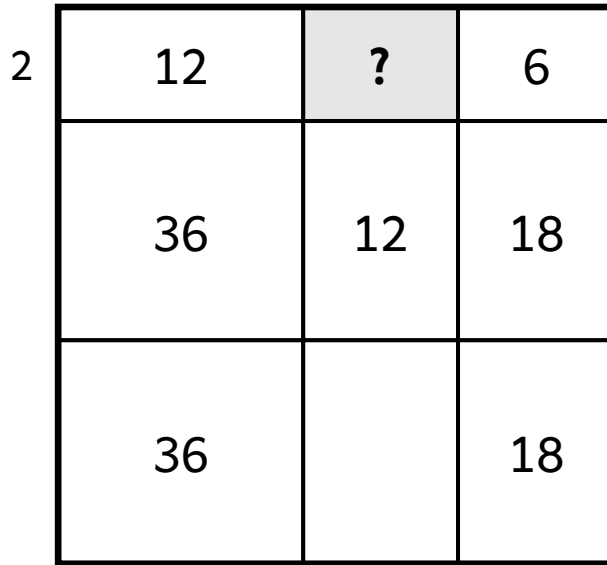




9

Area Puzzles

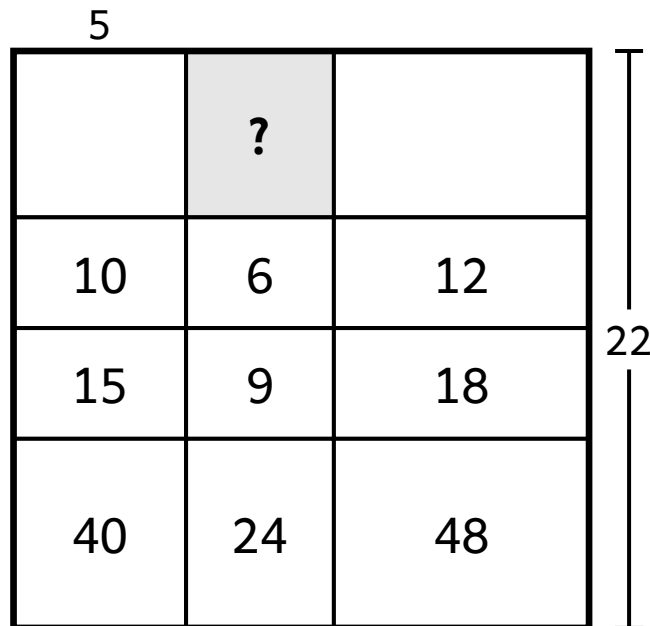
Numbers inside are areas; numbers on the sides are lengths.
Find the area marked ?. Not drawn to scale.



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.





Answers

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

Learn · Area Puzzles

#1

3	27
2	18

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

#2

2	
2	4
	12

$$2. 4 \div 2 = 2.$$

#3

7	
2	14
	49

$$2. 14 \div 7 = 2.$$

#4

2	16
2	16

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

#5

3	24	9
5	40	15

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

#6

4	20	36
5	25	45

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

#7

7	42	28
9	54	36

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

#8

14	35	42
10	25	30
7	14	35

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

#9

2	12	4	6
	36	12	18
	36		18

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

#10

5		27	
	10	6	12
	15	9	18
	40	24	48

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