

# How were your exam questions?



**CALCULATE THE AREAS  
OF THESE RECTANGLES. THE  
ANSWERS AND THE  
LETTERS IN EACH GIVE  
THE PUZZLE CODE.**

A diagram of a rectangle labeled 'S'. The vertical side is labeled '3 m' and the horizontal side is labeled '5 m'. The formula for area,  $\text{Area} = \text{L} \times \text{W}$ , is written next to the rectangle, with the result left blank.

A diagram consisting of two vertical line segments. The top segment is labeled "6 m" and the bottom segment is labeled "3 m".

A diagram of a rectangle divided into two equal halves by a vertical line. The top half contains the label "4 m" above the line and "6 m" below it. The bottom half contains the label "e" below the line.

2 m

A trapezoid with a vertical left side labeled "6 m" and a horizontal top side labeled "7 m". The letter "a" is written below the trapezoid.

5 m  
9 m  
**t**

4 m  
5 m

9 m

b 3 m  
7 m

9 m

A diagram of a trapezoid representing a hill. The top horizontal side is labeled 'u' at its right end. The bottom horizontal side is labeled '8 m' at its center. The left vertical side is labeled '1' at its top. The right vertical side is unlabeled.

16 m

A large rectangular frame with a thick black border. The left side has a vertical dimension of 7 m, and the bottom side has a horizontal dimension of 11 m. The top right corner contains the number 1.

45 m <sup>2</sup>	24 m <sup>2</sup>	30 m <sup>2</sup>	16 m <sup>2</sup>	49 m <sup>2</sup>	30 m <sup>2</sup>	32 m <sup>2</sup>	30 m <sup>2</sup>
30 m <sup>2</sup>	42 m <sup>2</sup>	15 m <sup>2</sup>	16 m <sup>2</sup>	21 m <sup>2</sup>	64 m <sup>2</sup>	45 m <sup>2</sup>	36 m <sup>2</sup>
24 m <sup>2</sup>	42 m <sup>2</sup>	20 m <sup>2</sup>	45 m <sup>2</sup>	32 m <sup>2</sup>	18 m <sup>2</sup>	64 m <sup>2</sup>	21 m <sup>2</sup>
49 m <sup>2</sup>	36 m <sup>2</sup>	45 m <sup>2</sup>	24 m <sup>2</sup>	45 m <sup>2</sup>	24 m <sup>2</sup>	30 m <sup>2</sup>	
42 m <sup>2</sup>	27 m <sup>2</sup>	15 m <sup>2</sup>	49 m <sup>2</sup>	30 m <sup>2</sup>	32 m <sup>2</sup>	15 m <sup>2</sup>	

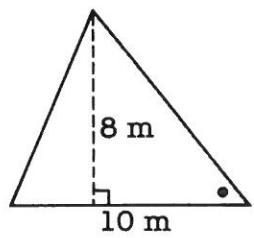


# How is a rifle like a lazy worker?

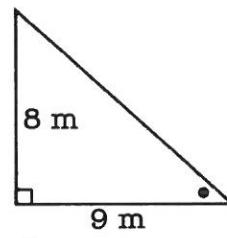


Calculate the **area** of each triangle.

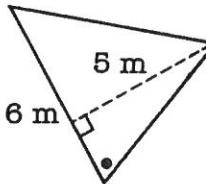
Join the dot inside each to the dot next to the answer found around the page.  
Each line will pass through a number and letter giving the puzzle code.



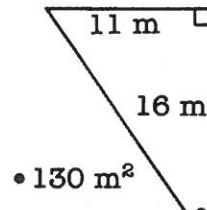
• 65 m<sup>2</sup>  
⑧



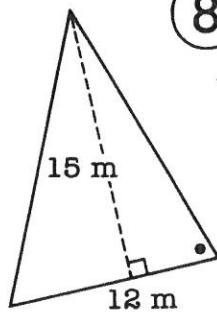
• 28 m<sup>2</sup>



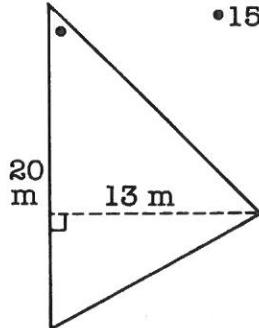
5 m  
6 m



11 m  
16 m  
• 130 m<sup>2</sup>



15 m  
12 m  
• 60 m<sup>2</sup>



20 m  
13 m  
• 9 m<sup>2</sup>

⑬  
B

⑤  
N

⑪  
I

④  
D

⑩  
H

⑫  
F

⑨  
C

③  
E

⑮  
Y

⑥  
R

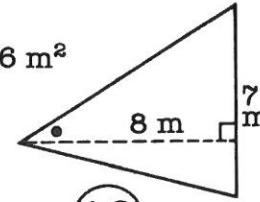
⑦  
T

⑮  
O

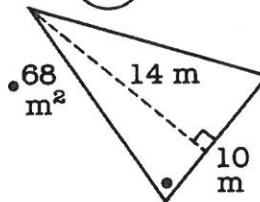
⑮  
R

⑮  
Y

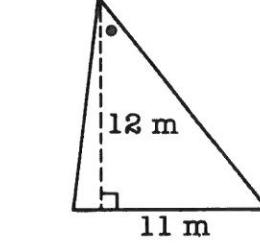
⑮  
R



8 m  
7 m  
• 36 m<sup>2</sup>  
⑫



14 m  
10 m  
• 68 m<sup>2</sup>  
⑮



12 m  
11 m  
• 88 m<sup>2</sup>

⑮  
D

⑮  
F

⑮  
F

⑮  
F

• 70 m<sup>2</sup>

⑮  
F

⑮  
F

⑮  
F

8 m  
17 m  
• 40 m<sup>2</sup>

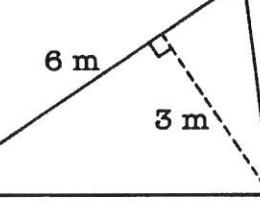
⑮  
F

⑮  
F

⑮  
F

⑮  
F

⑮  
F



6 m  
3 m

1	2	3	4	5	6	7	8	9	1	2	8	3	10	11	12	3	13
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