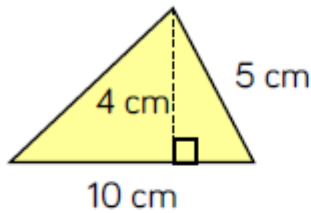


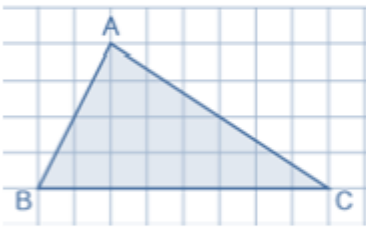
1. To calculate the height of a triangle, you can use the formula:
base \times height \div 2

Choose the correct calculation to find the area of the triangle.



- $10 \times 5 \div 2$
- $10 \times 4 \div 2$
- $5 \times 4 \div 2$

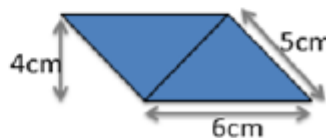
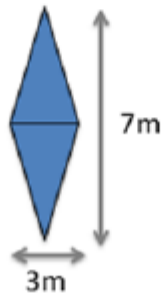
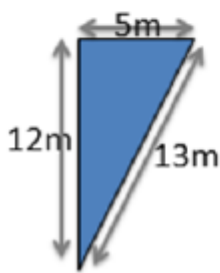
2. Calculate the area of the triangle.



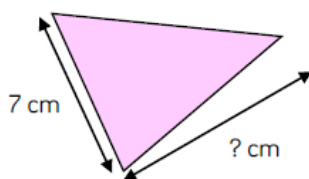
How did you calculate the area?

Could you do it another way?

3. Calculate the area of each shape.



4. The area of this triangle is 42cm^2



Two children worked out the height. Here are their answers:

Simon: $42 \div 7 = 6\text{ cm}$

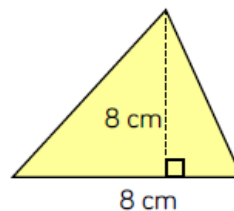
Jade: $42 \times 2 = 84$

$84 \div 7 = 12\text{ cm}$

Who is correct?

Explain how you know.

5. Macey and Lainey are working out the area of this triangle:



Macey says, "To work out the area, you multiply 8 by 8, then you divide your answer by 2"

Lainey says, "To work out the area you only need a half of the base, so you multiply 8 by 4, then divide it by 2"

Who do you agree with?

Explain your reasoning.