

Arithmetic

1. $75,473 - 42,288$

2. $6,164 \div 92$

3. $\frac{9}{10} - \frac{1}{4}$

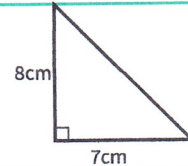
4. 46% of 700

Practice: Area of a Triangle

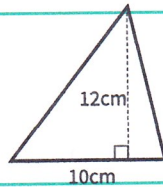
5. Recap: Write a formula for finding the area of a triangle.



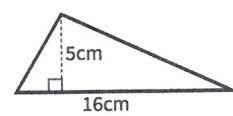
6. Calculate the area of this triangle.



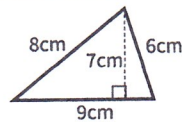
7. Calculate the area of this triangle.



8. Calculate the area of this triangle.



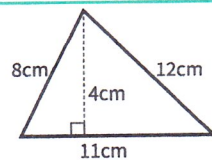
9. Calculate the area of this triangle.



10. Explain how you can use the measures of rectangle or square to help find the area of a right-angle triangle.



11. Calculate the area of this triangle.



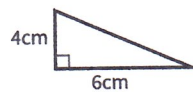
12. A triangle has an area of 36cm^2 . If its height is... what is its base?

a) 12cm

b) 4cm

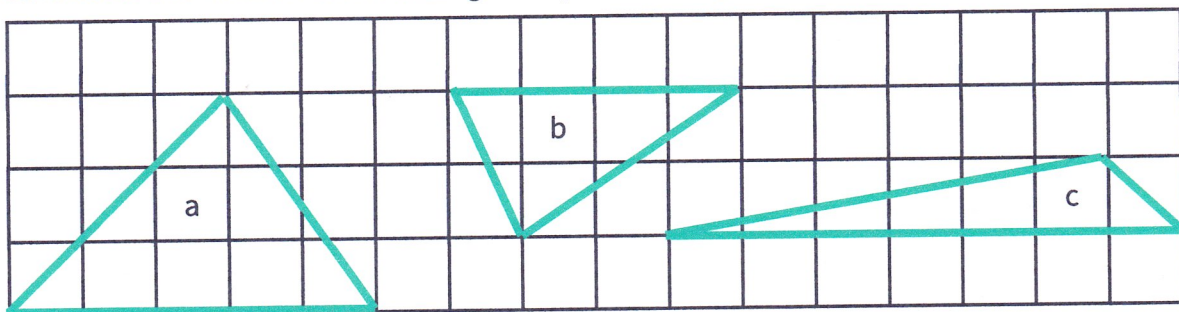
c) 3cm

13. Simona says the triangle has an area of 24cm^2 . Is she correct? Explain.



Challenge

14. Calculate the area of each triangle. Explain how you have calculated the areas.



You might want to talk to an adult



Spot the mistake

Answers

Q no.	Question	Answer
1	$75,473 - 42,288$	33,185
2	$6,164 \div 92$	67
3	$\frac{9}{10} - \frac{1}{4}$	$\frac{13}{20}$
4	46% of 700	322
5	Write a formula for finding the area of a triangle.	base x height divided by 2 = area of a triangle
6	Calculate the area of this triangle.	28cm^2
7	Calculate the area of this triangle.	60cm^2
8	Calculate the area of this triangle.	40cm^2
9	Calculate the area of this triangle.	31.5cm^2
10	Explain how you can use the measures of rectangle or square to help find the area of a right-angle triangle.	Two right angle triangles can be created from one rectangle. The base of a right angle triangle becomes the length of the rectangle and the height of the triangle is the height of the rectangle.
11	Calculate the area of this triangle.	22cm^2
12	A triangle has an area of 36cm^2 . If its height is... what is its base?	a) 6cm b) 18cm c) 24cm
13	Is she correct? Explain.	Simona is incorrect. She has calculated the base x the height but has not divided the answer by 2. The correct answer is 12cm^2 .
14	Calculate the area of each triangle. Explain how you have calculated the areas.	<p>a. 7.5cm^2 b. 4cm^2 c. 3.5cm^2</p> <p>Pupils could count the squares to find the area or they could split the triangle to make a right angle triangle and the height then use this information to calculate the area of each triangle. Alternatively, pupils may create rectangles using the base and height of the triangles and divide the area of the rectangle by two.</p>