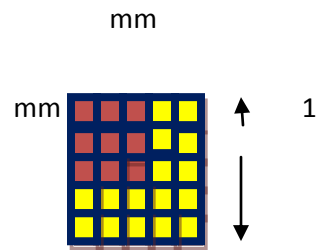
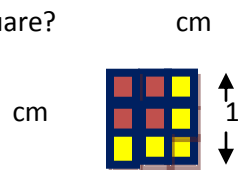


4. Given a square with area 1.96 m^2 , what is the length of the side of this square?

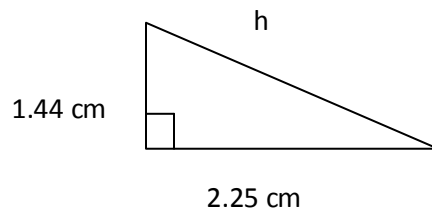
5. A) Given the diagram below, what is its side length?



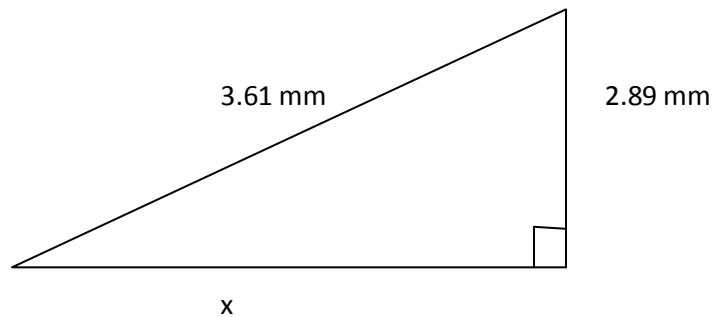
B) What is the area of the following square?



6. A) What is the approximate length of the hypotenuse in this right triangle?



B) Estimate, to the nearest tenth, the missing side.



7. Define:

A) hypotenuse _____

B) leg of a right triangle _____

C) Draw a diagram to label these parts on a right triangle.

8. Which is a perfect square? Explain your reasoning.

A) _____

B) _____

C) _____

D) _____

E) _____

F) 0.0225

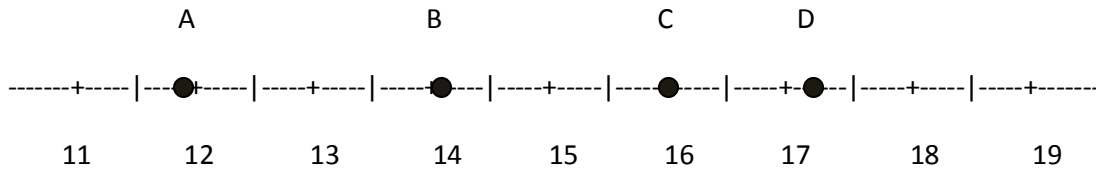
9. A) To be a non-perfect square, the shape is a _____ and it must not be a terminating nor repeating decimal.

B) To be a perfect square, the shape is a _____ and it must be a terminating or repeating decimal.

10. What power would fit between the perfect squares 0.25 and 0.36?

11. What letter on the number line is a good estimation for those shown below? (4)

NUMBER	LETTER
—	
—	
2	
— 2	



12. Put the following in ascending order. Show/Explain why you arranged them this way. (2)

{ , 15 , , }

Order:

13. What is the perimeter of a square which has an area equal to 289 mm^2 ?

Draw a diagram to support your answer. (2)