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## Open Answers Maths & Numeracy Sample Paper

10 Questions

10 Minutes

Please work as quickly and accurately as you can.


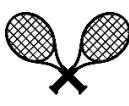

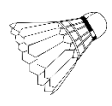
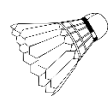
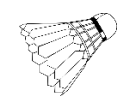

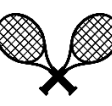
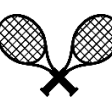


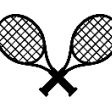
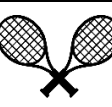
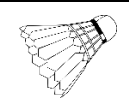
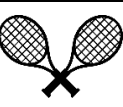

Q.1            There are two angles on a triangle,  $72^\circ$  and  $52^\circ$ , what is the third angle? (1)

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Q.2            The temperature on Monday is  $36^\circ$ . It drops by 10% on Tuesday, then halves on Wednesday. What is the temperature on Wednesday? (2)

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Q.3            Complete the below addition chart (5)

				= 21	
				=25	
				=.....	(a)
				=.....	(b)

=22	=.....	=14	=.....
	(d)		(c)

Q.4      A charity campaign raised an average of £1.25 per second.  
How much money is that per hour? (2)

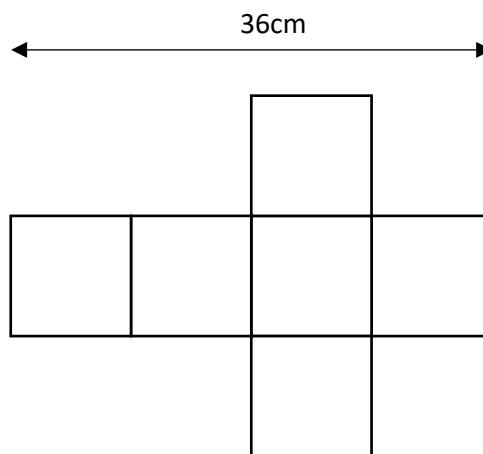
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Q.5      Calculate  $4508 \div 92$  (2)

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Q.6      What is the volume of the below cube when constructed? (3)

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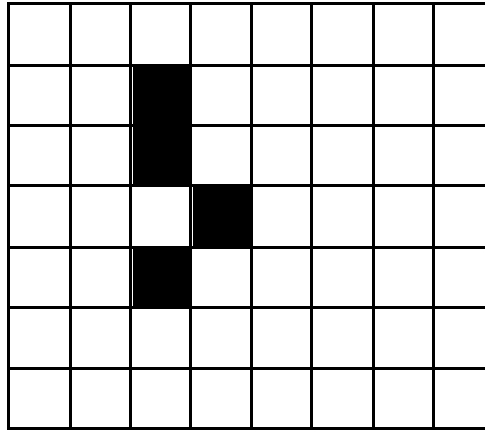


Q.7      A clock loses 5 minutes every hour. It starts correctly at 2 o'clock, what time does it display after 7 hours? (1)

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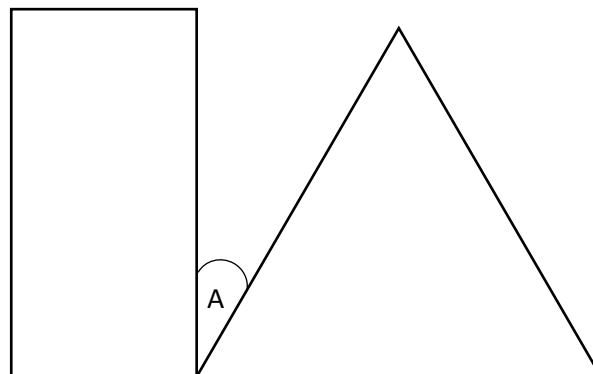
Q.8

Shade 2 more squares to create a symmetrical shape (3)



Q.9

The below is made of 1 rectangle and 1 equilateral triangle. What is the value of angle A? (2)

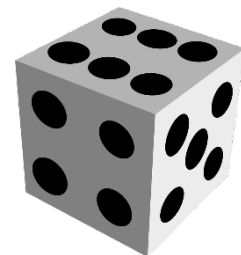


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Q.10

I throw a regular dice. What is the probability of rolling an even number? (2)

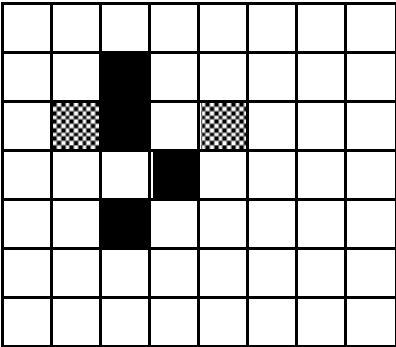
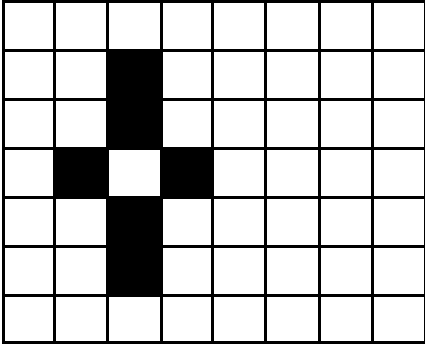
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END OF TEST

Now go back and check your answers

# Answers

Q.1	56°
Q.2	16.2
Q.3	(a) 15 (b) 22 (c) 22 (d) 25
Q.4	£4,500
Q.5	49
Q.6	729cm³
Q.7	8:25
Q.8	<div>  <p>(or)</p>  </div>
Q.9	30°
Q.10	1 in 2