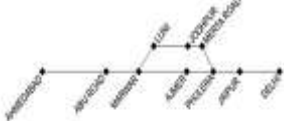
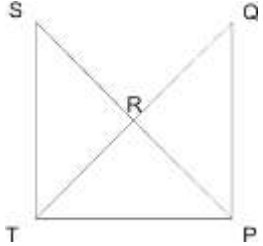
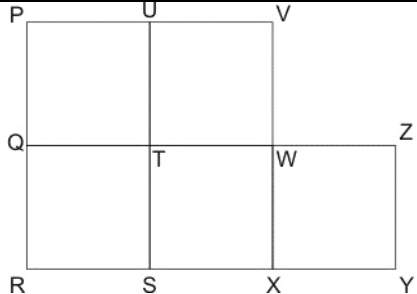




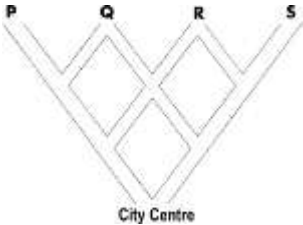
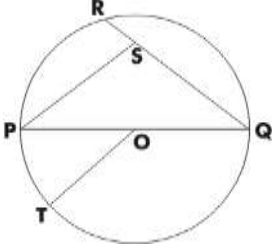




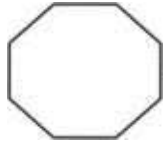

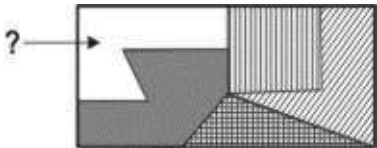
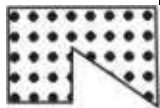



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1	2_11 Mathematics 5208	BASIC GEOMETRICAL IDEAS	10 matchsticks can be arranged to form rectangles in exactly 2 DIFFERENT ways. Look at the figures below to see how. (No matchstick can be bent or broken) Similarly, in how many different ways can 14 matchsticks be arranged to form rectangles?		B										
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2	3	4	7												
2	2_11 Mathematics 5211	BASIC GEOMETRICAL IDEAS	The mirror reflection of a regular clock seems to show the time as 1:30. What time is the clock ACTUALLY showing?		C										
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3	3_18 Mathematics 3294	Basic geometrical ideas	See the railway route map and time table below and answer the question. Which of the following is NOT on the direct route between Ahmedabad and Delhi?	 <table border="1" data-bbox="1197 370 1600 701"> <thead> <tr> <th>TRAIN NAME</th> <th>AHMEDABAD DELHI MAIL</th> <th>AHMEDABAD JAIPUR TRAVEL EXPRESS</th> <th>AHMEDABAD NEW DELHI RAJASTHAN EXPRESS</th> <th>AHMEDABAD DELHI ASHRAM EXPRESS</th> </tr> </thead> <tbody> <tr> <td>Days of departure at originating station</td> <td>Daily</td> <td>Daily</td> <td>TUE, THU, SUN</td> <td>Daily</td> </tr> <tr> <td>AHMEDABAD</td> <td>18:00</td> <td>11:00</td> <td>17:25</td> <td>17:45</td> </tr> <tr> <td>ABU ROAD</td> <td>14:05</td> <td>16:10</td> <td>20:35</td> <td>21:00</td> </tr> <tr> <td>JODHPUR</td> <td>14:20</td> <td>16:25</td> <td>20:50</td> <td>21:20</td> </tr> <tr> <td></td> <td></td> <td>16:15</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>16:55</td> <td></td> <td></td> </tr> <tr> <td>AJMER</td> <td>20:05</td> <td></td> <td>00:30</td> <td>01:40</td> </tr> <tr> <td></td> <td>20:20</td> <td></td> <td>00:45</td> <td>01:55</td> </tr> <tr> <td>JAIPIUR</td> <td>22:25</td> <td></td> <td>02:35</td> <td>04:30</td> </tr> <tr> <td></td> <td>22:40</td> <td></td> <td>02:45</td> <td>04:50</td> </tr> <tr> <td>DELHI</td> <td>05:20</td> <td></td> <td></td> <td>18:20</td> </tr> <tr> <td>NEW DELHI</td> <td></td> <td></td> <td>07:50</td> <td></td> </tr> </tbody> </table>	TRAIN NAME	AHMEDABAD DELHI MAIL	AHMEDABAD JAIPUR TRAVEL EXPRESS	AHMEDABAD NEW DELHI RAJASTHAN EXPRESS	AHMEDABAD DELHI ASHRAM EXPRESS	Days of departure at originating station	Daily	Daily	TUE, THU, SUN	Daily	AHMEDABAD	18:00	11:00	17:25	17:45	ABU ROAD	14:05	16:10	20:35	21:00	JODHPUR	14:20	16:25	20:50	21:20			16:15					16:55			AJMER	20:05		00:30	01:40		20:20		00:45	01:55	JAIPIUR	22:25		02:35	04:30		22:40		02:45	04:50	DELHI	05:20			18:20	NEW DELHI			07:50		B
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4	3_18 Mathematics 3303	Basic geometrical ideas	The figure below has to be drawn in ONE CONTINUOUS MOTION without lifting pencil from paper and without going over any part twice. (A corner can be crossed more than once) Which of the following should be the starting point to make this possible?		A																																																																	
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5	5_26 Mathematics 1986	Basic Geometrical Ideas	Which 3 line segments would you erase to get exactly 3 squares (with no extra line segments)?		D				
						Answer Option			
						Option A	Option B	Option C	Option D
		UV, VW and WZ	PU, UT and UV	UV, VW and SX	PU, PQ and SX				
6	5_27 Mathematics 8308	Basic Geometrical Ideas	Which of the following figures is a polygon?		D				
						Answer Option			
						Option A	Option B	Option C	Option D
									

S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
7	5_27 Mathematics 8340	Basic Geometrical Ideas	A network of roads in a city leading to the City Centre is shown here. How many possible paths can a person at point Q follow to reach the City Centre such that he is always going towards it and never away from it?		B
		Option A			
		Option B			
		Option C			
		Option D			
		2			
		3			
		4			
		5			
8	3_19 Mathematics 2676	Basic Geometrical Ideas	In the figure, which of the following is a chord but NOT a diameter of the circle with O as its centre?		B
		Option A			
		Option B			
		Option C			
		Option D			
		OT			
		RQ			
		PS			
		PQ			

S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)										
9	3_19 Mathematics 2662	Basic geometrical Ideas	On the surface of which of these shapes will you find it impossible to draw a straight line?		D										
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10	3_19 Mathematics 2686	Basic geometrical Ideas	<p>If $\square + \square = \triangle + \triangle + \triangle$</p> <p>$\bigcirc + \bigcirc = \triangle$</p> <p>Then how many $\bigcirc = 3 \square$</p>		A										
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11	5_28 Mathematics 9953	Basic Geometrical Ideas	Which of the following shapes has NO corners?		D
		Option A	Option B	Option C	Option D
					
12	5_28 Mathematics 9971	Basic Geometrical Ideas	Abdul is playing a game on the computer where he has to fit together pieces to complete a rectangle. He has just one more piece to fit in the rectangle shown below. Which of the pieces below should he choose to complete his rectangle?		D
		Option A	Option B	Option C	Option D
					

S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
13	5_27 Mathematics 8330	Basic geometrical idea	On this map of part of a city, 1 cm = 0.5 km. Which place is likely to be 4 km from the Rose garden?		D
		Option A	Option B	Option C	Option D
		The museum	The lake	The market	The Krishna temple
14	5_29 Mathematics 11321	Basic Geometrical Ideas	An ant starts from a point P and walks 20 cm towards the East. Next it walks 10 cm towards the North, then 10 cm towards the West and finally 15 cm towards the South to stop at point Q. Which of these figures best shows the path traced by the ant from start to finish?		D
		Option A	Option B	Option C	Option D

S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)				
15	5_29 Mathematics 11305	Basic Geometrical Ideas	This is the logo of a TV channel. Which of these will it look like when it is magnified?	[V]	B				
						Answer Option			
						Option A	Option B	Option C	Option D
[V]	[V]	[V]	[V]						