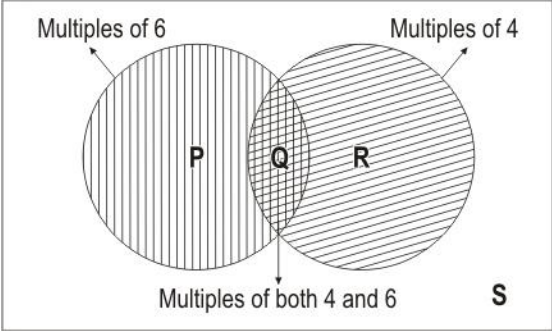


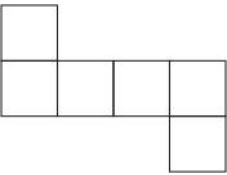
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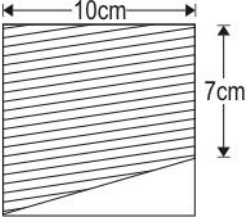
Subject: Mathematics

Grade: 8th


S.N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)												
1	3_18 Mathematics 3369	Mensuration	EVERY number in area Q must be divisible by		B												
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Answers option																	
Option A	Option B	Option C	Option D														
10	12	16	24														

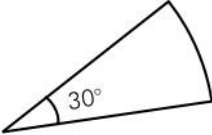
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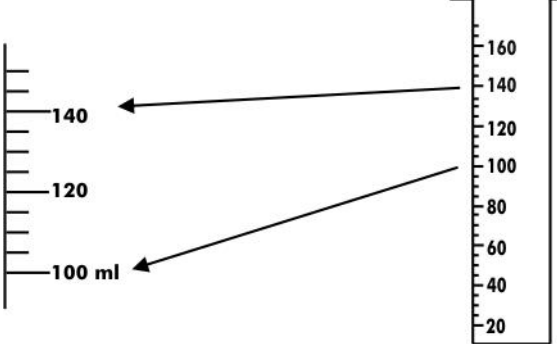
S.N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
2	3_18 Mathematics 3371	Mensuration	<p>The shape given below is made up of identical small squares.</p> <p>If the area of the whole shape is 24 cm^2, what is its perimeter?</p>		B
Answers option					
Option A		Option B	Option C	Option D	
24 cm	28 cm	48 cm	56 cm		

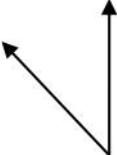
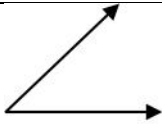
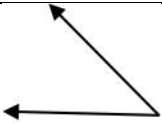
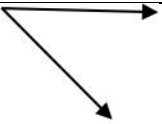
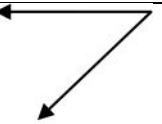
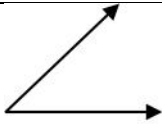
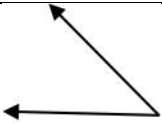
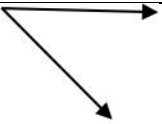
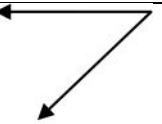
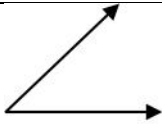
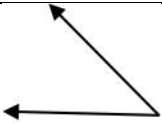
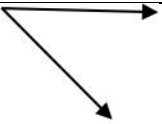
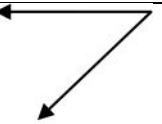
S.N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)										
3	3_18 Mathematics 3373	Mensuration	What is the area of the shaded part of the SQUARE shown below?		C										
		<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answers option</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>35 sq cm</td> <td>70 sq cm</td> <td>85 sq cm</td> <td>93 sq cm</td> </tr> </tbody> </table>				Answers option				Option A	Option B	Option C	Option D	35 sq cm	70 sq cm
Answers option															
Option A	Option B	Option C	Option D												
35 sq cm	70 sq cm	85 sq cm	93 sq cm												

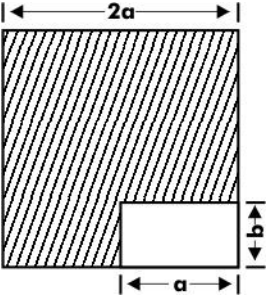
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4	3_18 Mathematics 3381	Mensuration	In a triangle PQR, $\angle Q = 50^\circ$ and $\angle R = 75^\circ$. Which of these statements is true about the sides of the triangle?	In a triangle PQR $\angle Q = 50^\circ$ and $\angle R = 75^\circ$. Which of these statements is true about the sides of the triangle?	A												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answers option</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>PR < QR</td> <td>QR = PQ</td> <td>PQ < PR</td> <td>PQ < QR</td> </tr> </tbody> </table>					Answers option				Option A	Option B	Option C	Option D	PR < QR	QR = PQ	PQ < PR	PQ < QR	
Answers option																	
Option A	Option B	Option C	Option D														
PR < QR	QR = PQ	PQ < PR	PQ < QR														

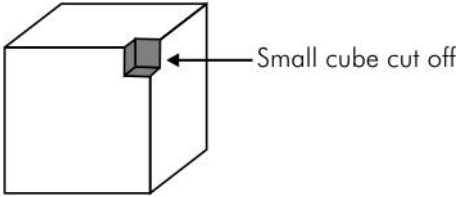
S.N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)												
5	3_18 Mathematics 3384	Mensuration	<p>Frostee ice cream packs are available in two different sizes as shown below.</p> <p>Abbas needs 10 litres of vanilla ice cream for a party. What is the MINIMUM cost at which Abbas can get enough ice cream for his party?</p>		A												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answers option</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>Rs. 340</td> <td>Rs. 350</td> <td>Rs. 400</td> <td>Rs. 450</td> </tr> </tbody> </table>						Answers option				Option A	Option B	Option C	Option D	Rs. 340	Rs. 350	Rs. 400	Rs. 450
Answers option																	
Option A	Option B	Option C	Option D														
Rs. 340	Rs. 350	Rs. 400	Rs. 450														

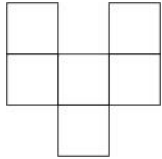
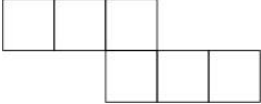
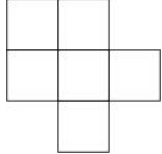
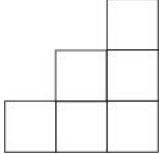
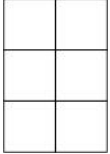
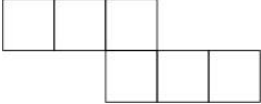
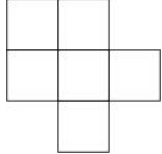
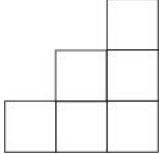
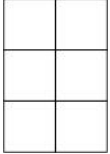
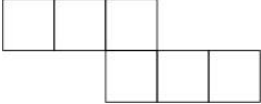
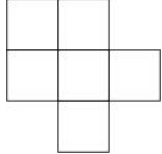
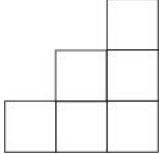
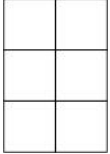
S.N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)											
6	1_4 Mathematics 7579	Mensuration	How many pieces exactly like this one are needed to form a complete circle (circular region)?		D											
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Answers option																
Option A	Option B	Option C	Option D													
6	8	10	12													

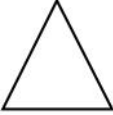
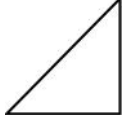
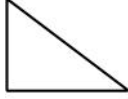
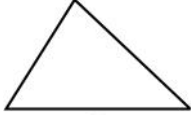
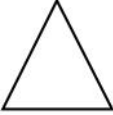
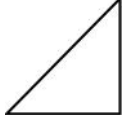
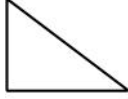
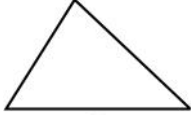
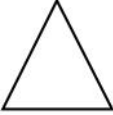
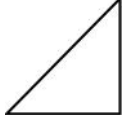
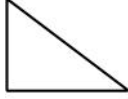
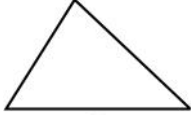
S.N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)												
7	1_4 Mathematics 7583	Mensuration	<p>A part of one side of a vessel is shown below.</p> <p>Using this beaker which of these measurements can be made EXACTLY?</p>		C												
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Answers option																	
Option A	Option B	Option C	Option D														
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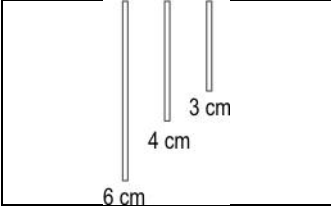
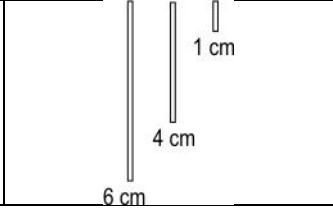
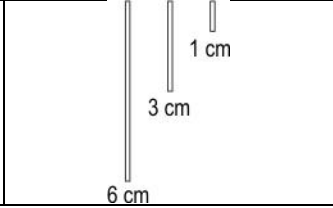
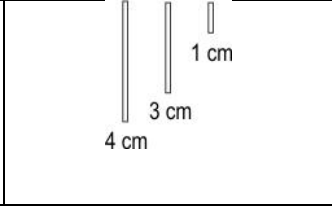
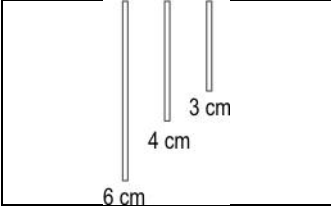
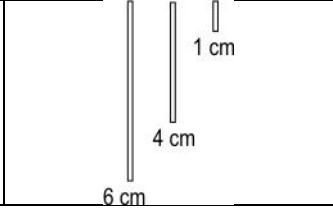
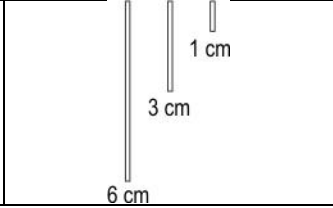
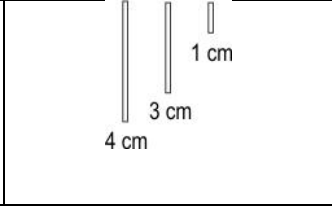
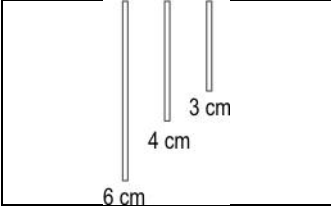
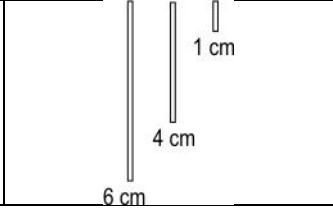
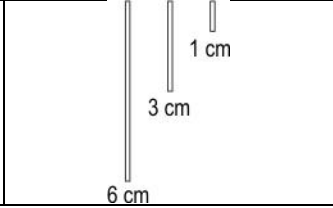
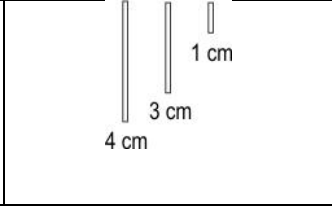
S.N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)											
8	1_4 Mathematics 7584	Mensuration	If the above figure is turned by 270° in an ANTICLOCKWISE direction, which of these would be the result?		A											
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4" data-bbox="583 873 1902 914">Answers option</th> </tr> <tr> <th data-bbox="583 914 915 954">Option A</th> <th data-bbox="915 914 1247 954">Option B</th> <th data-bbox="1247 914 1579 954">Option C</th> <th data-bbox="1579 914 1902 954">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="583 954 915 1122">  <p>A</p> </td> <td data-bbox="915 954 1247 1122">  <p>B</p> </td> <td data-bbox="1247 954 1579 1122">  <p>C</p> </td> <td data-bbox="1579 954 1902 1122">  <p>D</p> </td> </tr> </tbody> </table>					Answers option				Option A	Option B	Option C	Option D	 <p>A</p>	 <p>B</p>	 <p>C</p>	 <p>D</p>
Answers option																
Option A	Option B	Option C	Option D													
 <p>A</p>	 <p>B</p>	 <p>C</p>	 <p>D</p>													

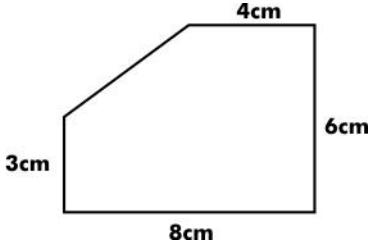
S.N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)												
9	1_4 Mathematics 7586	Mensuration	What is the area of the shaded part of the square?		C												
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Answers option																	
Option A	Option B	Option C	Option D														
$2a^2 - ab$	$4a - ab$	$4a^2 - ab$	$2a^2 + ab$														

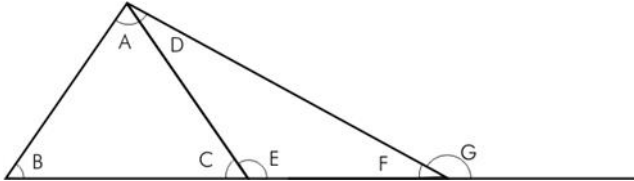
S.N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)												
10	1_4 Mathematics 7589	Mensuration	<p>A small cube is cut off from a larger cube as shown below.</p> <p>For the ORIGINAL CUBE, which of the following will remain unchanged</p>		B												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4" data-bbox="579 922 1896 963">Answers option</th> </tr> <tr> <th data-bbox="579 963 907 1003">Option A</th> <th data-bbox="907 963 1234 1003">Option B</th> <th data-bbox="1234 963 1562 1003">Option C</th> <th data-bbox="1562 963 1896 1003">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="579 1003 907 1044">the volume</td> <td data-bbox="907 1003 1234 1044">the total surface area</td> <td data-bbox="1234 1003 1562 1044">the number of edges</td> <td data-bbox="1562 1003 1896 1044">the number of corners</td> </tr> </tbody> </table>						Answers option				Option A	Option B	Option C	Option D	the volume	the total surface area	the number of edges	the number of corners
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S. N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option- A,B,C,D)												
11	1_4 Mathematics 7590	Mensuration	Which figure below has the same perimeter as?		A												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4" data-bbox="527 870 1845 911">Answers option</th> </tr> <tr> <th data-bbox="527 911 856 951">Option A</th> <th data-bbox="856 911 1186 951">Option B</th> <th data-bbox="1186 911 1516 951">Option C</th> <th data-bbox="1516 911 1845 951">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="527 951 856 1107">  </td> <td data-bbox="856 951 1186 1107">  </td> <td data-bbox="1186 951 1516 1107">  </td> <td data-bbox="1516 951 1845 1107">  </td> </tr> </tbody> </table>						Answers option				Option A	Option B	Option C	Option D				
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12	1_4 Mathematics 7592	Mensuration	The three sides of which of these triangles could be 9, 12 and 15 units?		C											
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4" data-bbox="527 724 1843 764">Answers option</th> </tr> <tr> <th data-bbox="527 764 856 805">Option A</th> <th data-bbox="856 764 1186 805">Option B</th> <th data-bbox="1186 764 1516 805">Option C</th> <th data-bbox="1516 764 1843 805">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="527 805 856 954">  A </td> <td data-bbox="856 805 1186 954">  B </td> <td data-bbox="1186 805 1516 954">  C </td> <td data-bbox="1516 805 1843 954">  D </td> </tr> </tbody> </table>					Answers option				Option A	Option B	Option C	Option D	 A	 B	 C	 D
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13	1_4 Mathematics 7595	Mensuration	A triangle can be formed using which of the following sets of sticks?		A											
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answers option</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="527 737 856 943">  </td> <td data-bbox="856 737 1186 943">  </td> <td data-bbox="1186 737 1516 943">  </td> <td data-bbox="1516 737 1845 943">  </td> </tr> </tbody> </table>					Answers option				Option A	Option B	Option C	Option D				
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S.N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)												
14	1_4 Mathematics 7600	Mensuration	What is the perimeter of the figure shown below?		C												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answers option</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>21 units</td> <td>24 units</td> <td>26 units</td> <td>28 units</td> </tr> </tbody> </table>						Answers option				Option A	Option B	Option C	Option D	21 units	24 units	26 units	28 units
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S. N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)												
15	1_4 Mathematics 7605	Mensuration	In the above figure, which of these will NOT equal 180°?		D												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answers option</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>$\angle A + \angle B + \angle C$</td> <td>$\angle F + \angle G$</td> <td>$\angle A + \angle B + \angle D + \angle F$</td> <td>$\angle E + \angle A + \angle B$</td> </tr> </tbody> </table>						Answers option				Option A	Option B	Option C	Option D	$\angle A + \angle B + \angle C$	$\angle F + \angle G$	$\angle A + \angle B + \angle D + \angle F$	$\angle E + \angle A + \angle B$
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