

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: IX

Date:

Name:

ID No.....

Match the Columns

1. Match the following columns by placing the correct letter in square box.

Column I	Column II
(i) Area of a triangle with height 12.5 cm and base 6 cm.	(a) 58.5 cm^2
(ii) Area of a trapezium with parallel sides of lengths 8 cm and 10 cm and height 6.5.	(b) 600 cm^2
(iii) Area of a parallelogram with base 7.5 cm and height 4 cm.	(c) 37.5 cm^2
(iv) Area of an equilateral triangle, each side measuring 6 cm.	(d) $72\sqrt{3} \text{ cm}^2$
(v) Area of rhombus with one side 25cm and one diagonal 30 cm in length	(e) 30 cm^2
(vi) Area of a regular hexagon with side 4.3 cm	(f) $60\sqrt{7} \text{ cm}^2$
(vii) Area of a triangle with sides 16 cm, 20 cm and 24 cm.	(g) $9\sqrt{3} \text{ cm}^2$

(i)	→	<input type="checkbox"/>
(ii)	→	<input type="checkbox"/>
(iii)	→	<input type="checkbox"/>
(iv)	→	<input type="checkbox"/>
(v)	→	<input type="checkbox"/>
(vi)	→	<input type="checkbox"/>
(vii)	→	<input type="checkbox"/>