

BCM SCHOOL, BASANT AVENUE, DUGRI LUDHIANA
ANSWERKEY OF SEPTEMBER ASSIGNEMENT
CLASS - VIII (MATHEMATICS)

Q4	$(42)^2 = (40+2)^2$ $= 40^2 + 2 \times 40 \times 2 + 2^2$ $= 1764$
Q5	<p>Discount = Marked Price \times Discount Percentage</p> <p>Discount = Rs. 550 \times 20% Discount</p> <p>Discount = Rs. 110</p> <p>Selling Price = Marked Price - Discount</p> <p style="text-align: center;">= Rs 440</p>
Q7	<p>Let the numbers are 2x, 3x, 4x</p> $(2x)^3 + (3x)^3 + (4x)^3 = 33957$ $99x^3 = 343$ $x = 7$ <p>Numbers are 14, 21, 28</p>
Q9	<p>Amount = Rs 9826 , Time = 3 half years , Rate = 5/4%</p> $A = P \left(1 + \frac{R}{100} \right)^t$ <p>P = Rs 9466.54</p>
Q10	<p>a) 91</p> <p>b) 140cm</p>