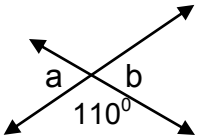
INDIAN SCHOOL MUSCAT
MIDDLE SECTION
FIRST PERIODIC TEST 2019-20
CLASS 7 – MATHEMATICS – ANSWER KEY (SET B)

Q.NO 1	ANSWERS
(a)	(–42) ÷ ____-6____ = 7
(b)	{(–138) × 14} × ____–26_____ = (–138) × { (–26) ×__14__ }
(c)	The Supplement of an angle 56^0 is _____ $180^0 - 56^0 = 124^0$
(d)	Two lines intersect at a point and one of the angles formed is 125^0. The measure of its vertically opposite angle is _____125^0____
Q.NO 2	ANSWERS
(a)	Evaluate using suitable property : (–125) × (–13) × (–8) (–125) × (–13) × (–8) =(–125) × (–8) × (–13) = 1000 × (–13) = –13000
(b)	i) Find an angle which is equal to its Supplement. Ans: 90^0 ii) Find the complement of an angle 43^0. Ans: $90^0 - 43^0 = 47^0$
(c)	Evaluate: [(–2) + (–14)] ÷ [(–4) + 8] = [–16] ÷ 4 = –4
(d)	 Find the measure of angle ‘a’ and angle ‘b’. Give reasons. a = $180^0 - 110^0 = 70^0$ (Linear pair) b= 70^0 (V.O.A)
(e)	The sum of two integers is -118 . If one of them is 37, find the other . Other integer is (–118) – 37 = –155
Q.NO 3	Evaluate using suitable property : (–67) × 102 = (–67) × (100 + 2) =[(–67) × 100] + [(–67) × 2] =(–6700) +(–134) = =(–6834)
Q.NO 4	Find ‘x’. where m and n are two parallel lines Give reasons a=x (V.O.A) $x+45^0 = 100^0$ (corresponding angles are equal) $x = 100^0 - 45^0$ $=55^0$