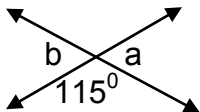
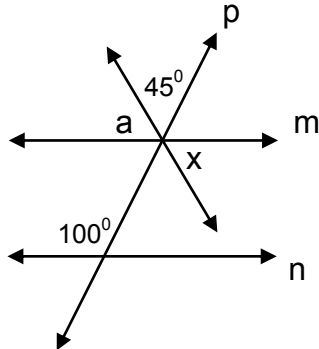




**INDIAN SCHOOL MUSCAT
MIDDLE SECTION
FIRST PERIODIC TEST 2019-20
CLASS 7 – MATHEMATICS – ANSWER KEY (SET – A)**



Q.NO 1	ANSWERS
(a)	$(-36) \div (-4) = 9$
(b)	$\{(-328) \times 3\} \times (-43) = (-328) \times \{(-43) \times 3\}$
(c)	The supplement of an angle 74° is _____ Ans. : $180^\circ - 74^\circ = 106^\circ$
(d)	Two lines intersect at a point and one of the angles formed is 135° . The measure of its vertically opposite angle is <u>135⁰</u>
Q.NO 2	ANSWERS
(a)	Evaluate using suitable property : $(-125) \times (-15) \times (-8)$ $(-125) \times (-15) \times (-8)$ $=(-125) \times (-8) \times (-15)$ $= 1000 \times (-15)$ $= -15000$
(b)	i) Find an angle which is equal to its Supplement. Ans: 90° ii) Find the complement of an angle 48° . Ans: $90^\circ - 48^\circ = 42^\circ$
(c)	Evaluate: $[(-3) + (-11)] \div [(-4) + 2] = [-14] \div [-2] = 7$
((d)	<div style="display: flex; align-items: center;">  <div style="margin-left: 20px;"> <p>Find the measure of angle 'a' and angle 'b'. Give reasons. $a = 180^\circ - 115^\circ = 65^\circ$ (Linear pair) $b = 65^\circ$ (V.O.A)</p> </div> </div>
(e)	The sum of two integers is -112 . If one of them is 43 , find the other. Other integer is $(-112) - 43 = -155$
Q.NO 3	Evaluate using suitable property : $(-61) \times 103$ $= (-61) \times (100 + 3)$ $= [(-61) \times 100] + [(-61) \times 3]$ $= (-6100) + (-183) = -6283$
Q.NO 4	<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p>Find 'x', where m and n are two parallel lines Give reasons.</p> <p>$a = x$ (V.O.A) $x + 45^\circ = 100^\circ$ (corresponding angles are equal) $x = 100^\circ - 45^\circ$ $= 55^\circ$ [Any other method]</p> </div> <div style="flex: 1; text-align: center;">  </div> </div>