




INDIAN SCHOOL AL WADI AL KABIR
MATHEMATICS WORKSHEET
ARITHMETIC EXPRESSIONS
Class VII (2026-27)

Multiple Choice Questions and Case Study

Q.1.	The number of terms in the expression $6 \times 5 + 7$:							
	A	1	B	2	C	3	D	0
Q.2.	Which expression below shows the Commutative Property of Addition?							
	A	$(4 + 5) + 3 = 4 + (5 + 3)$	B	$6 + 0 = 6$	C	$7 + 9 = 9 + 7$	D	$8 + (2 \times 1) = 8 + 2$
Q.3.	Ananya reads three stories every day except on Wednesdays and Sundays. Which expression describes, the number of stories that she would complete in 6 weeks?							
	A	$3 \times (7 - 2) \times 6$	B	$(7 - 3) \times 6$	C	$3 \times 7 \times 6$	D	$(7 + 2) \times 3 \times 6$
Q.4.	Which of the following is equal to $(6 \times 4) + (6 \times 3)$?							
	A	$6 \times (4 - 3)$	B	$6 \times (4 + 3)$	C	$(6 + 4) \times 3$	D	$(6 - 4) \times 3$
Q.5.	Which expression matches the arrangement of 4 groups of 3 red squares, and 2 extra blue squares?							
	A	$4 \times 3 + 2$	B	$3 \times (4 + 2)$	C	$4 + 3 \times 2$	D	$4 \times (3 + 2)$
Q.6.	Terms of the expression $83 - 14 + 23$ are:							
	A	83, 14, 23	B	83, 23	C	83, 14, -23	D	83, -14, 23
Q.7.	Which of the following is not true?							
	A	$(7 + 8) + 9 = 7 + (8 + 9)$	B	$(7 \times 8) \times 9 = 7 \times (8 \times 9)$	C	$7 + 8 \times 9 = (7 + 8) \times (7 + 9)$	D	$7 \times (8 + 9) = (7 \times 8) + (7 \times 9)$
Q.8.	Which expression is equal to $76 - 29 - 14$?							
	A	$76 - (29 - 14)$	B	$76 - (29 + 14)$	C	$76 + (29 + 14)$	D	$76 + (29 - 14)$
Q.9.	Which expression below shows the Associative Property of Addition?							
	A	$3 + 8 = 8 + 3$	B	$5 + 0 = 5$	C	$(2 + 4) + 6 = 2 + (4 + 6)$	D	$9 + 1 = 1 + 9$

Q.10.	Aman bought a pack of pens for ₹80 and a notebook for ₹75. He gave the shopkeeper ₹200. Write an expression using brackets to calculate the change Aman will get back.							
	A	$(200 - 80) + 75$	B	$200 + (80 - 75)$	C	$(200 + 80) - 75$	D	$200 - (80 + 75)$
Q.11.	Which bracket arrangement gives the result 20?							
	A	$(8 + 2) \times 2$	B	$8 + (2 \times 2)$	C	$8 \times (2 \times 2)$	D	$(8 - 2) + 2$
Q.12.	The terms of the expression $54 \div 9 + 12$ are:							
	A	$(54 \times 9), 12$	B	$(54 \div 9), 12$	C	54, 12	D	54, 9, 12
Q.13.	Which property is shown in $5 \times (3 + 2) = (5 \times 3) + (5 \times 2)$?							
	A	Associative Property	B	Identity Property	C	Commutative Property	D	Distributive Property
Q.14.	$(96 - 68) \times 52 \square 96 \times (68 - 52)$							
	A	=	B	>	C	<	D	\geq
Q.15.	Case Study: A school purchases 2 mathematics kits costing ₹4,250 each, 3 science kits costing ₹3,480 each and 4 Art kits costing ₹875 each.							
	(i) Write an arithmetic expression for the total cost.							
	(ii) Evaluate the total cost.							
	(iii) If the cost of each science kit increases by ₹140 and the cost of each art kit decreases by ₹20, write the new expression for the total cost.							

ANSWER KEY

Q1. B	Q2. C	Q3. A	Q4. B	Q5. A
Q6. D	Q7. C	Q8. B	Q9. C	Q10. D
Q11. A	Q12. B	Q13. D	Q14. C	
Q15. (i) $(2 \times 4250) + (3 \times 3480) + (4 \times 875)$ (ii) ₹22,440 (iii) $(2 \times 4250) + (3 \times 3620) + (4 \times 855)$ or $(2 \times 4250) + [3 \times (3480 + 140)] + [4 \times (875 - 20)]$				
