

Time: 10 Minutes	Paper Math 8 (T-1)	Total Marks: 10
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4th Month, 1st Week, 5th Day	Exercise 2.9 Complete
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Q.1. Choose the correct options. (1 x 2 = 2) درست جواب کا انتخاب کریں۔

(i) What is the factorization of $16 + 24a + 9a^2$ کی تجزی کیا ہے: $16 + 24a + 9a^2$

(a)	$(4+3a)^2$	(b)	$(4-3a)^2$	(c)	$(3a-4)^2$	(d)	$(4+3a)(4-3a)$
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(ii) $x^2 - 34x + 289 =$ _____.

(a)	$(x + 17)^2$	(b)	$\pm(x + 17)$	(c)	$(x - 17)^2$	(d)	$(x + 17)(x - 17)$
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☆ Answer the following questions: (2×4=8) درج ذیل سوالات کے جواب دیں۔

Q.2. Factorize: تجزی کریں۔

(i) $1-6a^2b^2c + 9a^4b^4c^2$ (ii) $4x^4 + 20x^3yz + 25x^2y^2z^2$

(iii) $\frac{9}{16}x^2 + xy + \frac{4}{9}y^2$ (iv) $\frac{49}{64}x^2 - 2xy + \frac{64}{49}y^2$

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