Kaboodle

Class 8 Maths Worksheet

WS1

Factorisation

Topic: Polynomial

Name:

Date:

Factorize each of the following algebraic expressions:

1. $x^2 + 12x - 45$

2. $40 + 3x - x^2$

3. $a^2 + 3a - 88$

4. $a^2 - 14a - 51$

5. $x^2 + 14x + 45$

6. $a^2 + 14a + 48$

7. $x^2 - 4x - 21$

8. $y^2 + 5y - 36$

9. $(a^2 - 5a)^2 - 36$

10. $(a + 7)(a - 10) + 16$

$(a - 8)(a + 11)$	$(-x + 8)(x + 5)$	$(a+1)(a-6)(a-2)(a-3)$	$(a + 6)(a + 8)$
$(x - 7)(x + 3)$	$(x + 9)(x + 5)$	$(a - 17)(a + 3)$	$(x - 3)(x + 15)$
$(y - 4)(y + 9)$		$(a - 9)(a + 6)$	

LIVEWORKSHEETS