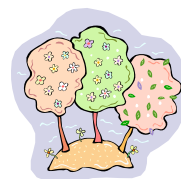


Name Key

UNIT 7 - DAY 13 - DOFS HOMEWORK



Factor each expression.

1. $4x^2 - 9$
 $(2x+3)(2x-3)$

2. $x^2 - y^2$
 $(x+y)(x-y)$

3. $49 - y^2$
 $(7+y)(7-y)$

4. $36x^2 - 121$
 $(6x+11)(6x-11)$

5. $4y^2 - 1$
 $(2y+1)(2y-1)$

6. $x^2 - 25$
 $(x+5)(x-5)$

7. $4x^2 - 49$
 $(2x+7)(2x-7)$

8. $x^2 - 64$
 $(x+8)(x-8)$

9. $\frac{3x^3}{3x} - \frac{48x}{3x}$
 $3x(x^2 - 16)$
 $3x(x+4)(x-4)$

10. $\frac{144x^2}{4} - \frac{100}{4}$
 $4(36x^2 - 25)$
 $4(6x+5)(6x-5)$

