

KEY

16. $3x(x-3)$

17. $2abc^2(bc-4)$

18. $(s+3)(s-3)$

19. $(v-4c)(v+4c)$

~~18~~ 20. can't be factored

~~19~~ 21. $(d+9)(d-9)$

22. $(k+3)(k+2)$

23. $(m-4)(m-10)$

24. $-(x^2+2x-15) \rightarrow -(x+5)(x-3)$

25. can't be factored

26. $2(x^2+12x+35) \rightarrow 2(x+7)(x+5)$

27. $3a(x^2-10x+16) \rightarrow 3a(x-8)(x-2)$

28. $-(x^2-3x-28) \rightarrow -(x-7)(x+4)$

29. $(a^2-b^2)(a^2+b^2) \rightarrow (a+b)(a-b)(a^2+b^2)$

30. $3(r^2-4s^2) \rightarrow 3(r+2s)(r-2s)$