

Algebra 1 Class Work 5/6/2019

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Factor each completely.

1) $x^2 - 13x + 36$

3) $n^2 - 11n + 30$

5) $7k^2 - 32k + 16$

7) $5m^2 + 43m + 24$

9) $15b^2 + 9b$

11) $10v^2 + 135v + 350$

2) $x^2 + 6x + 5$

4) $v^2 + 12v + 35$

6) $3a^2 + 8a$

8) $3x^2 - 19x + 28$

10) $8x^2 - 4x - 24$

12) $14x^2 - 92x + 48$

Solve each equation by factoring.

13) $(n - 1)(n - 5) = 0$

15) $(2r - 5)(r - 4) = 0$

17) $5(x - 3)(x + 2) = 0$

19) $(k - 1)(k + 1) = 0$

14) $x(3x + 2) = 0$

16) $5(b - 3)(5b + 1) = 0$

18) $x(5x - 2) = 0$

20) $r(3r + 5) = 0$