Factor each trinomial

a) $x^2 - 9x + 20$

$(x-5)(x-4)$

b) $m^2 - 13m + 42$

$(m-6)(m-7)$

c) $a^2 + 6a + 9$

$(a+3)^2$

d) $18 - 9x + x^2$

$x^2 - 9x + 18$

$(x-6)(x-3)$

e) $x^2 + 4x - 21$

$(x+7)(x-3)$

f) $a^2 - 3ab - 10b^2$

$(a-5b)(a+2b)$

g) $3y^2 + 12y - 15$

$3(y^2 + 4y - 5)$

$3(y+5)(y-1)$

$m \quad -5$

$A \quad 4$

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Factor each completely.

1) $n^2 + 11n + 24$

2) $v^2 + 8v + 15$

3) $x^2 - 6x - 16$

4) $x^2 + 3x - 54$

5) $n^2 - 12n + 32$

6) $k^2 + 10k + 16$

7) $r^2 + 7r - 18$

8) $n^2 + 3n - 18$

9) $x^2 + 4x - 60$

10) $p^2 + 5p - 14$

11) $n^2 - 2n - 35$

12) $x^2 + 10x + 24$

13) $n^2 + 6n - 40$

14) $x^2 + 8x + 7$

Puzzle sheet

When is a wrestler "King of the Ring"?

Attachments

Puzzle Worksheet - Simple Trinomials - When is a Wrestler King of the Ring.pdf