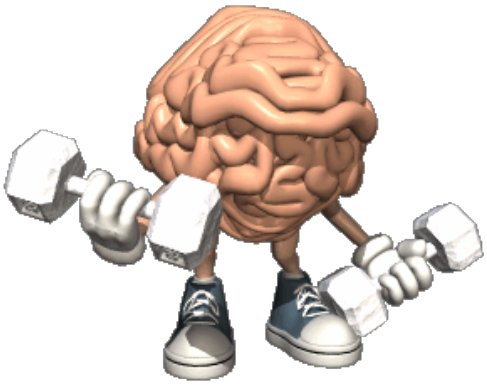
Warm Up



Factor the following
Using the Appropriate method:

1) $-56a^7 + 48a^6 + 16a^3$

$8a^3(-7a^4 + 6a^3 + 2)$

2) $x^2 + x - 56$

$(x + 8)(x - 7)$

3) $4r^2 + 7r - 2$

$(r + 2)(4r - 1)$

$4r^2 + 8r - 1r - 2$

$4r(r + 2) - 1(r + 2)$

$(4r - 1)(r + 2)$

Method #2 $-x- = 5$

a) $2y^2 + 5y + 2$

$(2y+4)(2y+1)$

$(y+2)(2y+1)$

b) $2a^2 + 11a + 12$

$(2a+8)(2a+3)$

$(a+4)(2a+3)$

c) $2k^2 + 13k + 15$

$(2k+10)(2k+3)$

$(k+5)(2k+3)$

3.6 Polynomials of the Form $ax^2 + bx + c$

Homework

Page 177
Questions: 8, 13, 15,19

Worksheet