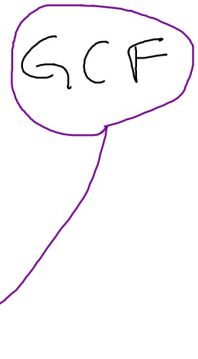
Expanding Jeopardy:

Answer: 24m - 18

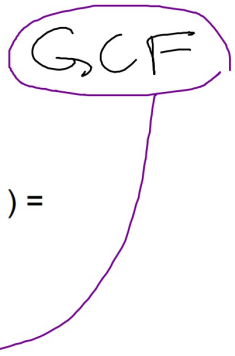
Question: 6 (4m - 3) =



Expanding Jeopardy:

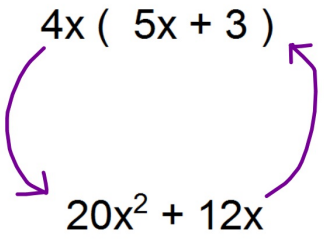
Answer: $20x^2 + 12x$

Question: 4x (5x + 3) =



Answer Question

$24A^3 + 15A =$ 3A ($8A^2$ + 5)



Expanding

Multiplying, removing (), Distributive Prop

Factoring

Division, putting () back into the prob, taking out the GCF

Find the GCF of each polynomial

$32m^4 + 8m^2$

$8m^2$

$63g^5 - 36g$ $9g$

Find the GCF of each polynomial

$18m^5n^3 + 24m^4n^9$

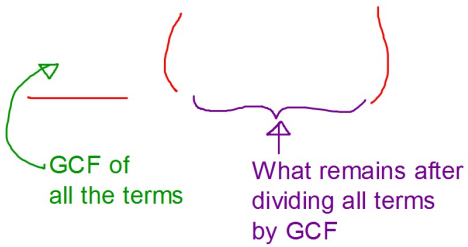
$6m^4n^3$

$48a^7b^4c^3 + 32a^3c^6 - 80a^6b^{10}c^2$

$16a^3c^2$

Factor each polynomial using the GCF

$72m^9 - 48m^4 =$



$24m^4(3m^5 - 2)$

Factor.

$27E^7 + 9E^4 =$

$9E^4(3E^3 + 1)$

Factor.

$12R^5 - 16R^3 + 8R^2 =$

$4R^2(3R^3 - 4R + 2)$

You can now do Hwk #17 Sec 9-2

Pages 463-464

Problems 2, 8, 9, 19, 20, 22-24, 36, 38

Due Monday