Factor using only GCF.

$60c^5dg^6 + 48c^3d^3g^5 - 36c^2d^2g^9$

$12c^2dg^5(5c^3g + 4cd^2 - 3dg^4)$

Factor Completely.

$8c^3 - 240c$

$8c(c^2 - 30)$

GCF is the only factoring that can be done.

Factor Completely.

$8g^4 - 2g^2 - 36 = 2(4g^4 - g^2 - 18)$

$4g^2 \quad -9$

-72, -9, $+8$, -1

	$4g^2$	-9
g^2	$4g^4$	$-9g^2$
$+2$	$+8g^2$	-18

$2(4g^2-9)(g^2+2)$

$2(2g \pm 3)(g^2+2)$

Factor Completely.

$25m^2 - 60m + 36 = (5m - 6)$

900, -30, -30, -60

	$5m$	-6
$5m$	$25m^2$	$-30m$
-6	$-30m$	$+36$

Factor Completely.

$$25m^2 - 60m + 36$$

The formula for this kind of factoring is:

$(a)^2 + 2ab + (b)^2 = (a+b)^2$

If you don't recognize this kind of factoring you can always factor using the "X" and the "Box"

because a and c are both perfect squares you might be able to factor this way: