

Factor each completely.

1. $169g^2 - 49h^2 =$
 $(13g \pm 7h)$

2. $361k^6 - 289m^{10} =$ $(19k^3 \pm 17m^5)$

3. $384b^3c - 150bc =$
 $6bc(64b^2 - 25) = 6bc(8b \pm 5)$

4. $w^2 - 24w + 144 =$ $(w - 12)^2$

5. $9a^2 + 30a + 25 = (3a + 5)^2$

Don't confuse these two: They are NOT the same

$$(h - 9)^2$$

$$h \pm 9$$