Name : _____ Score : _____

Teacher : _____ Date : _____

Completing the Square

Find the value of "c" by completing the square.

1) $x^2 + \frac{2}{5}x + c$

2) $h^2 - \frac{3}{11}h + c$

3) $w^2 + \frac{3}{11}w + c$

4) $x^2 - \frac{6}{7}x + c$

5) $d^2 + \frac{1}{11}d + c$

6) $s^2 - \frac{8}{5}s + c$

7) $x^2 - \frac{3}{7}x + c$

8) $q^2 - \frac{18}{13}q + c$

9) $g^2 + \frac{4}{7}g + c$

10) $z^2 + \frac{9}{13}z + c$

Name : _____ Score : _____

Teacher : _____ Date : _____

Completing the Square

Find the value of "c" by completing the square.

1) $x^2 + \frac{2}{5}x + c$

$\frac{1}{25}$

2) $h^2 - \frac{3}{11}h + c$

$\frac{9}{484}$

3) $w^2 + \frac{3}{11}w + c$

$\frac{9}{484}$

4) $x^2 - \frac{6}{7}x + c$

$\frac{9}{49}$

5) $d^2 + \frac{1}{11}d + c$

$\frac{1}{484}$

6) $s^2 - \frac{8}{5}s + c$

$\frac{16}{25}$

7) $x^2 - \frac{3}{7}x + c$

$\frac{9}{196}$

8) $q^2 - \frac{18}{13}q + c$

$\frac{81}{169}$

9) $g^2 + \frac{4}{7}g + c$

$\frac{4}{49}$

10) $z^2 + \frac{9}{13}z + c$

$\frac{81}{676}$