

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

## Completing the Square

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

1)  $k^2 - \frac{4}{7}k + c$

6)  $m^2 - \frac{1}{11}m + c$

2)  $q^2 - 24q + c$

7)  $p^2 - 9p + c$

3)  $m^2 + \frac{1}{7}m + c$

8)  $y^2 + 12y + c$

4)  $s^2 - \frac{4}{11}s + c$

9)  $b^2 + 17b + c$

5)  $y^2 - \frac{4}{11}y + c$

10)  $x^2 + 22x + c$



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## Completing the Square

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

$$1) k^2 - \frac{4}{7}k + c$$
$$\frac{4}{49}$$

$$6) m^2 - \frac{1}{11}m + c$$
$$\frac{1}{484}$$

$$2) q^2 - 24q + c$$
$$144$$

$$7) p^2 - 9p + c$$
$$\frac{81}{4}$$

$$3) m^2 + \frac{1}{7}m + c$$
$$\frac{1}{196}$$

$$8) y^2 + 12y + c$$
$$36$$

$$4) s^2 - \frac{4}{11}s + c$$
$$\frac{4}{121}$$

$$9) b^2 + 17b + c$$
$$\frac{289}{4}$$

$$5) y^2 - \frac{4}{11}y + c$$
$$\frac{4}{121}$$

$$10) x^2 + 22x + c$$
$$121$$

