Factorising Quadratic Trinomials: Mixed

Factorise the following:

a)
$$x^{2} + 9x + 14$$
 $---- = 9$
 $---- = 14$
 $x^{2} + ---x + ---x + 14$
 $(-----)$

b)
$$x^2 - 3x - 10$$

-----= -3
-----= -10

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d)
$$x^2 - 18x + 80$$
 ____ = ___

e)
$$2x^2 + 3x - 9$$

Coefficient of
$$x^2$$
 Constant term

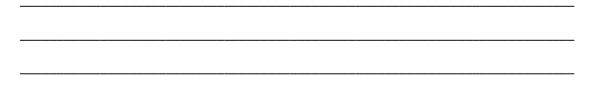
$$2x^2 + 3x - 9$$

f)
$$x^2 - 20x + 100$$

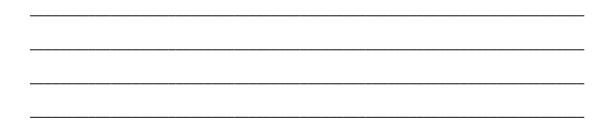
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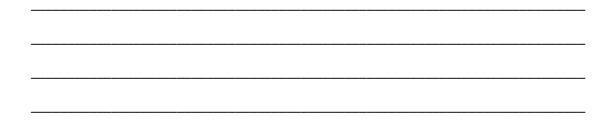
g)
$$4x^2 + 15x - 25$$



h)
$$x^2 + 2bx + b^2$$



i)
$$6x^2 + 5x - 6$$

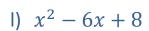


j)
$$2x^3 - 14x^2 + 24x$$

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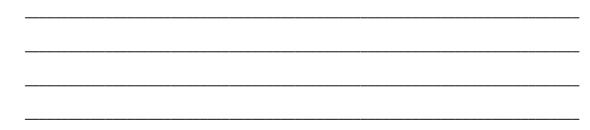
k)
$$-6x^2 - 25x - 25$$





$$m)x^2 + 6x + 8$$

n)
$$4x^2 - 4x - 8$$



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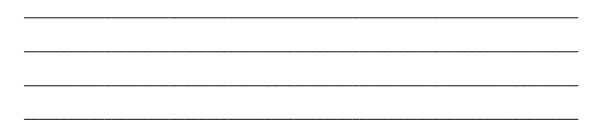
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o) 9x	² +	66 <i>x</i>	+	21
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p)
$$x^2 - 13x + 40$$

q)
$$4x^2 - 4x + 1$$

r)
$$x^2 + 2x - 24$$



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s)
$$10x^2 - 13x - 3$$

t)
$$x^2 + 11x + 18$$