Name: _____

September 23, 2022

1) Factorise $5f^2 + 12f + 7$ Answer: _____	2) Solve $6s^2 + 2s - 17 = 0$ Round your solutions to 1 decimal place. Answer: _____	3) Find the value of 'x' by completing the square of the following equation: $^2 + 10x + 16$ Answer: _____
4) Find the value of 'd' by completing the square of the following equation: $^2 + 6d + 9$ Answer: _____	5) Factorise $f^2 + 7f + 10$ Answer: _____	6) Solve $2x^2 - 11x - 19 = 0$ Round your solutions to 1 decimal place. Answer: _____
7) Factorise $f^2 + 8f + 15$ Answer: _____	8) Solve by factorising $s^2 - 13s + 12 = 0$ Answer: _____	9) Solve by factorising $q^2 - 3q + 2 = 0$ Answer: _____
10) Factorise $6s^2 + 20s + 16$ Answer: _____	11) Find the value of 'd' by completing the square of the following equation: $^2 + 6d + 9$ Answer: _____	12) Solve by factorising $q^2 - 2q - 8 = 0$ Answer: _____
13) Solve by factorising $x^2 - 8x - 20 = 0$ Answer: _____	14) Solve $4d^2 - 11d - 14 = 0$ Round your solutions to 1 decimal place. Answer: _____	15) Find the value of 's' by completing the square of the following equation: $^2 + 6s + 9$ Answer: _____

16) Find the value of 'j' by completing the square of the following equation: $^2 +$ 8j + 16

Answer: _____

17) Solve $8q^2 - 20q - 11 = 0$
Round your solutions to 1 decimal place.

Answer: _____

18) Solve $19q^2 - 4q - 17 = 0$
Round your solutions to 1 decimal place.

Answer: _____

19) Find the value of 'd' by completing the square of the following equation: $^2 + 10d + 16$

Answer: _____

20) Factorise $q^2 + 9q + 20$

Answer: _____

Total: ___ / 20