

Name: _____



January 05, 2018

1) Solve by factorising $j^2 - 10j + 16 = 0$ Answer: _____	2) Solve by factorising $f^2 + 12f - 13 = 0$ Answer: _____	3) Solve by factorising $q^2 + 2q - 3 = 0$ Answer: _____
4) Solve by factorising $j^2 - 9j + 14 = 0$ Answer: _____	5) Solve by factorising $j^2 - 2j - 8 = 0$ Answer: _____	6) Solve by factorising $j^2 - 11j + 18 = 0$ Answer: _____
7) Solve by factorising $j^2 - 2j + 1 = 0$ Answer: _____	8) Solve by factorising $x^2 - 20x + 19 = 0$ Answer: _____	9) Solve by factorising $f^2 + 4f - 5 = 0$ Answer: _____
10) Solve by factorising $j^2 + 2j + 1 = 0$ Answer: _____	11) Solve by factorising $d^2 + 3d - 10 = 0$ Answer: _____	12) Solve by factorising $f^2 - 4f - 12 = 0$ Answer: _____
13) Solve by factorising $q^2 + 8q + 7 = 0$ Answer: _____	14) Solve by factorising $j^2 - 5j + 4 = 0$ Answer: _____	15) Solve by factorising $f^2 - 7f - 18 = 0$ Answer: _____
16) Solve by factorising $x^2 - 13x + 12 = 0$ Answer: _____	17) Solve by factorising $x^2 + 17x - 18 = 0$ Answer: _____	18) Solve by factorising $f^2 + 15f + 14 = 0$ Answer: _____
19) Solve by factorising $f^2 - 7f + 12 = 0$ Answer: _____	20) Solve by factorising $f^2 - 7f + 12 = 0$ Answer: _____	21) Solve by factorising $q^2 - 11q + 18 = 0$ Answer: _____
22) Solve by factorising $d^2 + 5d + 6 = 0$ Answer: _____	23) Solve by factorising $d^2 - 2d - 15 = 0$ Answer: _____	24) Solve by factorising $f^2 - 7f - 18 = 0$ Answer: _____

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25) Solve by factorising $f^2 + 13f + 12 = 0$ Answer: _____	26) Solve by factorising $q^2 - 14q - 15 = 0$ Answer: _____	27) Solve by factorising $q^2 + 1q - 12 = 0$ Answer: _____
28) Solve by factorising $q^2 + 5q + 4 = 0$ Answer: _____	29) Solve by factorising $f^2 + 8f + 16 = 0$ Answer: _____	30) Solve by factorising $x^2 + 2x - 8 = 0$ Answer: _____
31) Solve by factorising $q^2 - 3q + 2 = 0$ Answer: _____	32) Solve by factorising $s^2 + 19s - 20 = 0$ Answer: _____	33) Solve by factorising $j^2 - 5j + 4 = 0$ Answer: _____
34) Solve by factorising $s^2 + 20s + 19 = 0$ Answer: _____	35) Solve by factorising $x^2 + 9x + 18 = 0$ Answer: _____	36) Solve by factorising $d^2 - 1d - 2 = 0$ Answer: _____
37) Solve by factorising $j^2 + 19j + 18 = 0$ Answer: _____	38) Solve by factorising $q^2 + 2q - 8 = 0$ Answer: _____	39) Solve by factorising $j^2 - 8j + 15 = 0$ Answer: _____
40) Solve by factorising $s^2 - 10s - 11 = 0$ Answer: _____	41) Solve by factorising $j^2 + 17j - 18 = 0$ Answer: _____	42) Solve by factorising $d^2 - 9d + 8 = 0$ Answer: _____
43) Solve by factorising $q^2 - 12q + 20 = 0$ Answer: _____	44) Solve by factorising $d^2 - 10d - 11 = 0$ Answer: _____	45) Solve by factorising $d^2 - 4d - 5 = 0$ Answer: _____
46) Solve by factorising $j^2 - 4j + 4 = 0$ Answer: _____	47) Solve by factorising $d^2 - 17d - 18 = 0$ Answer: _____	48) Solve by factorising $d^2 + 10d + 9 = 0$ Answer: _____

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49) Solve by factorising
 $f^2 - 10f + 16 = 0$

Answer: _____

50) Solve by factorising
 $x^2 - 20x + 19 = 0$

Answer: _____

Total: ____ / 50

Name: _____



January 05, 2018

Answers:

- | | | | | | | |
|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|
| 1) $j = 8$ or 2 | 2) $f = 1$ or -13 | 3) $q = 1$ or -3 | 4) $j = 7$ or 2 | 5) $j = 4$ or -2 | 6) $j = 9$ or 2 | 7) $j = 1$ or 1 |
| 8) $x = 19$ or 1 | 9) $f = 1$ or -5 | 10) $j = -1$ or -1 | 11) $d = 2$ or -5 | 12) $f = 6$ or -2 | 13) $q = -1$ or -7 | 14) $j = 4$ or 1 |
| 15) $f = 9$ or -2 | 16) $x = 12$ or 1 | 17) $x = 1$ or -18 | 18) $f = -1$ or -14 | 19) $f = 4$ or 3 | 20) $f = 4$ or 3 | 21) $q = 9$ or 2 |
| 22) $d = -2$ or -3 | 23) $d = 5$ or -3 | 24) $f = 9$ or -2 | 25) $f = -1$ or -12 | 26) $q = 15$ or -1 | 27) $q = 3$ or -4 | 28) $q = -1$ or -4 |
| 29) $f = -4$ or -4 | 30) $x = 2$ or -4 | 31) $q = 2$ or 1 | 32) $s = 1$ or -20 | 33) $j = 4$ or 1 | 34) $s = -1$ or -19 | 35) $x = -3$ or -6 |
| 36) $d = 2$ or -1 | 37) $j = -1$ or -18 | 38) $q = 2$ or -4 | 39) $j = 5$ or 3 | 40) $s = 11$ or -1 | 41) $j = 1$ or -18 | 42) $d = 8$ or 1 |
| 43) $q = 10$ or 2 | 44) $d = 11$ or -1 | 45) $d = 5$ or -1 | 46) $j = 2$ or 2 | 47) $d = 18$ or -1 | 48) $d = -1$ or -9 | 49) $f = 8$ or 2 |
| 50) $x = 19$ or 1 | | | | | | |