

1) Factorise $6s^2 + 9s + 3$

Answer: _____

2) Factorise $6d^2 + 24d + 18$

Answer: _____

3) Factorise $5d^2 + 33d + 18$

Answer: _____

4) Factorise $9q^2 + 24q + 7$

Answer: _____

5) Factorise $7j^2 + 18j + 11$

Answer: _____

6) Factorise $2j^2 + 14j + 20$

Answer: _____

7) Factorise $3s^2 + 14s + 15$

Answer: _____

8) Factorise $8d^2 + 23d + 14$

Answer: _____

9) Factorise $9d^2 + 36d + 20$

Answer: _____

10) Factorise $7d^2 + 44d + 12$

Answer: _____

11) Factorise $9d^2 + 36d + 11$

Answer: _____

12) Factorise $4d^2 + 8d + 3$

Answer: _____

13) Factorise $5q^2 + 9q + 4$

Answer: _____

14) Factorise $3q^2 + 13q + 10$

Answer: _____

15) Factorise $3x^2 + 19x + 16$

Answer: _____

16) Factorise $4x^2 + 16x + 15$

Answer: _____

17) Factorise $6x^2 + 25x + 14$

Answer: _____

18) Factorise $3f^2 + 11f + 8$

Answer: _____

19) Factorise $9d^2 + 30d + 16$

Answer: _____

20) Factorise $6j^2 + 15j + 6$

Answer: _____

Total: ___ / 20

**Answers:**

- | | | | | | | |
|------------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|------------------------|
| 1) $(3s + 3)(s + 3)$ | 2) $(6d + 18)(d + 6)$ | 3) $(1d + 6)(d + 3)$ | 4) $(3q + 7)(q + 1)$ | 5) $(7j + 11)(j + 1)$ | 6) $(2j + 10)(j + 4)$ | 7) $(1s + 3)(s + 5)$ |
| 8) $(1d + 2)(d + 7)$ | 9) $(3d + 10)(d + 2)$ | 10) $(1d + 6)(d + 2)$ | 11) $(3d + 11)(d + 1)$ | 12) $(2d + 3)(d + 1)$ | 13) $(1q + 1)(q + 4)$ | 14) $(3q + 10)(q + 1)$ |
| 15) $(3x + 16)(x + 1)$ | 16) $(2x + 5)(x + 3)$ | 17) $(2x + 7)(x + 2)$ | 18) $(3f + 8)(f + 1)$ | 19) $(3d + 8)(d + 2)$ | 20) $(3j + 6)(j + 3)$ | |