



Forwards Formulas SOLUTIONS



1 Review

1. (a) 5 units
- (b) $-\frac{1}{2}$
- (c) $x + 2y - 13 = 0$
- (d) No
- (e) $(0, \frac{13}{2})$ $(13, 0)$
- (f) 2
- (g) $2x - y - 1 = 0$
- (h) $(3, 5)$

2 Forwards Formulas

2.1

1. $(3, 5)$
2. $(1, -1)$
3. $(0, 4)$
4. $(6, -9)$
5. $(-6, -6)$
6. $(9, -11)$

2.2

7. (a) 5.5 units^2
- (b) 5.5 units^2
- (c) 5 units^2
- (d) 20.5 units^2





(e) 33.5 units^2

8. (a) 10.5 units^2

(b) 39 units^2

2.3

9. 4 units

10. 3 units

11. 2 units

12. Proof

13. Proof

14. 3 units

15. 1 unit

2.4

16. (a) 45°

(b) 45°

(c) 18.4°

(d) 30°

17. (a) 135°

(b) 157°

(c) 150°

