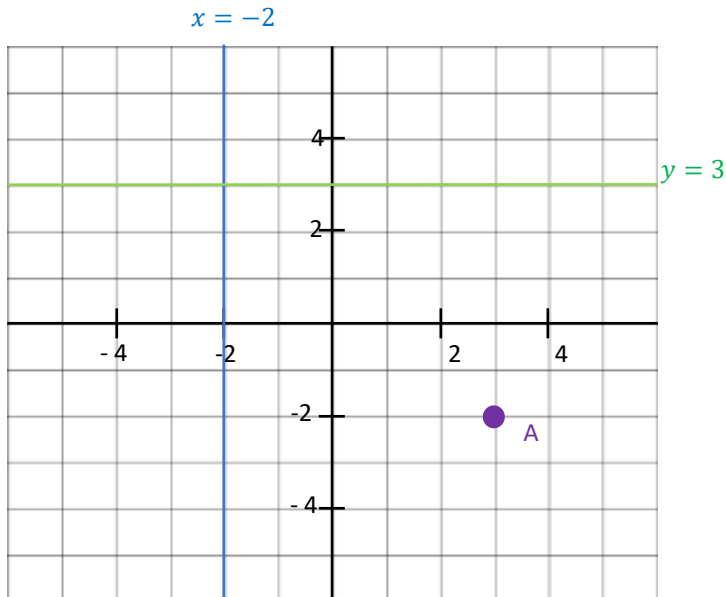


# EM 9S Assessment Test

## Test 1

### Answers

1.



2. (a) 45 cm      (b) 54 kg      (c)  $\frac{3}{10}$

3. £65

4. £1200

5. 9 cm

6. (a)  $n = 7$       (b)  $n = 9$

7. (a) 23...37 ,    20...10      (b) 4, 9, 14, 19, 24

8. £23 520

9. (a) 5      (b) 22      (c) 3.1

10.  $6a + 6$

11. (a) 4.8      (b) 4      (c) 3

12. (a) i) 60%      ii) 20%      (b) 80%

13. (a) 700      (b) 19      (c) 1.8

14.  $\text{bbc} = 144^\circ$ ,  $\text{ITV} = 72^\circ$ ,  $\text{Ch4} = 90^\circ$ ,  $\text{Ch5} = 54^\circ$

15.  $\angle a = 56^\circ$        $\angle b = 75^\circ$ ,  $\angle c = 105^\circ$        $\angle d = 81^\circ$ ,  $\angle e = 99^\circ$

16. (a) 0.49      (b) 0.58

17. (a) 361      (b) 64      (c) 57

18. (a) 255      (b) 3.7      (c) 556

19. (a) 45 mins      (b) 15:15      (c) 14:15      (d) 50 km      (e) 16:15

20. 1, 8, 3, **7, 12**