GRADIENT BETWEEN TWO COORDINATES

Answer all of these questions. Remember to show your working out in all questions.

MAIN QUESTIONS

1. (2, 3) and (4, 7)
2. (1, 5) and (3, 9)
3. (0, 0) and (5, 10)
4. (-1, 2) and (3, 10)
5. (4, 1) and (6, 5)
6. (3, -2) and (7, 6)
7. (-2, -3) and (0, 1)
8. (5, 4) and (1, 0)
9. (6, 2) and (2, -2)
10. (7, 3) and (3, -1)
11. (8, 5) and (4, 1)
12. (9, 6) and (5, 2)
13. (10, 7) and (6, 3)
14. (11, 8) and (7, 4)
15. (12, 9) and (8, 5)
16. (13, 10) and (9, 6)
17. (14, 11) and (10, 7)
18. (15, 12) and (11, 8)
19. (16, 13) and (12, 9)
20. (17, 14) and (13, 10)

MASTER QUESTIONS

M1. A line passes through the points (2, 3) and (4, 7). Find its gradient.

M2. A line passes through the points (1, 5) and (3, 9). Find its gradient.

M3. A line passes through the points (0, 0) and (5, 10). Find its gradient.

M4. A line passes through the points (-1, 2) and (3, 10). Find its gradient.

M5. A line passes through the points (4, 1) and (6, 5). Find its gradient.

M6. A line passes through the points (3, -2) and (7, 6). Find its gradient.

M7. A line passes through the points (-2, -3) and (0, 1). Find its gradient.

M8. A line passes through the points (5, 4) and (1, 0). Find its gradient.

M9. A line passes through the points (6, 2) and (2, -2). Find its gradient.

M10. A line passes through the points (7, 3) and (3, -1). Find its gradient.