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

MASTER QUESTIONS

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

M2. A line passes through the points (1, 5) and (3, 9). Find its gradient. | 2

M3. A line passes through the points (0, 0) and (5, 10). Find its gradient. | 2

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

M5. A line passes through the points (4, 1) and (6, 5). Find its gradient. | 2

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

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

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

M9. A line passes through the points (6, 2) and (2, -2). Find its gradient. | 1

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