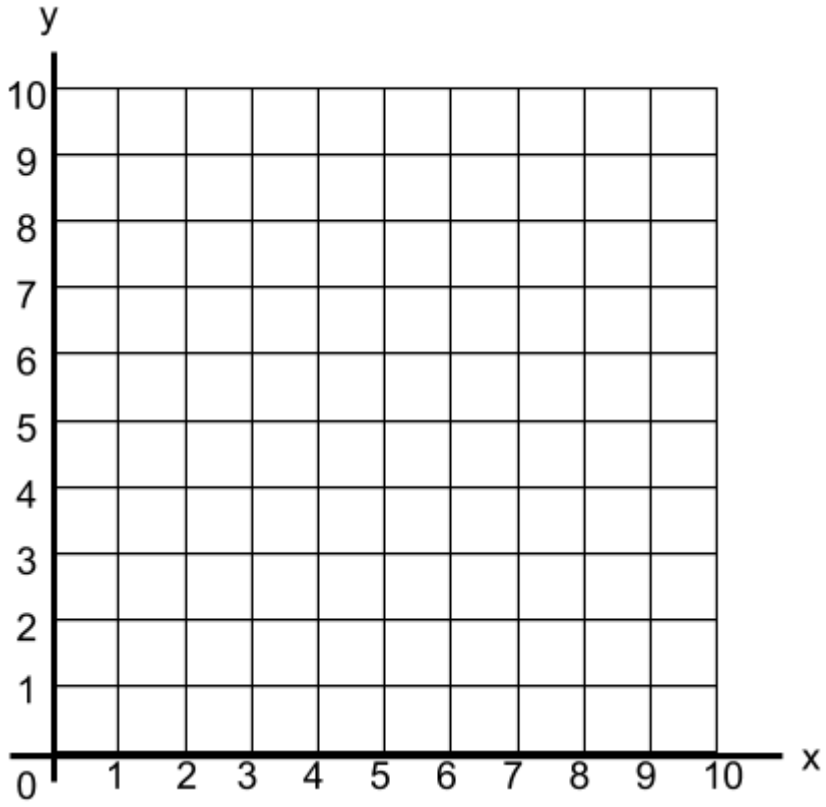
STIRLING TUITION

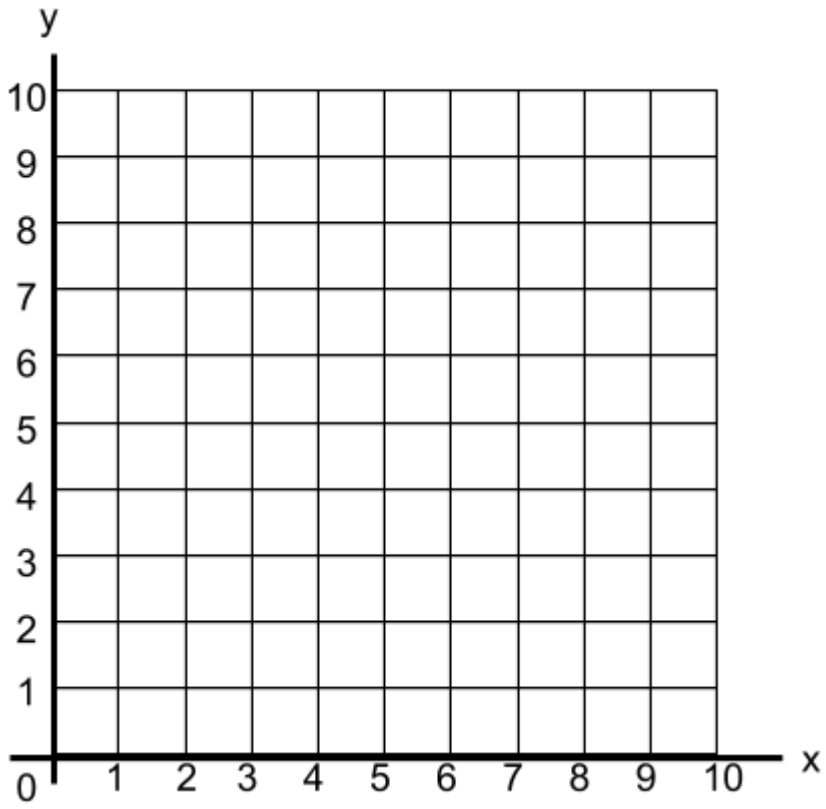
Q4 (Coordinates-area of Triangle) Day 33 Name:

1. You may find the grid below useful in solving this question. **Two corners** of a **right-angled triangle** have coordinates **(2, 7)** and **(8, 4)**. Look at the three statements below. Tick the correct box to show whether the statement is **true** or **false.**



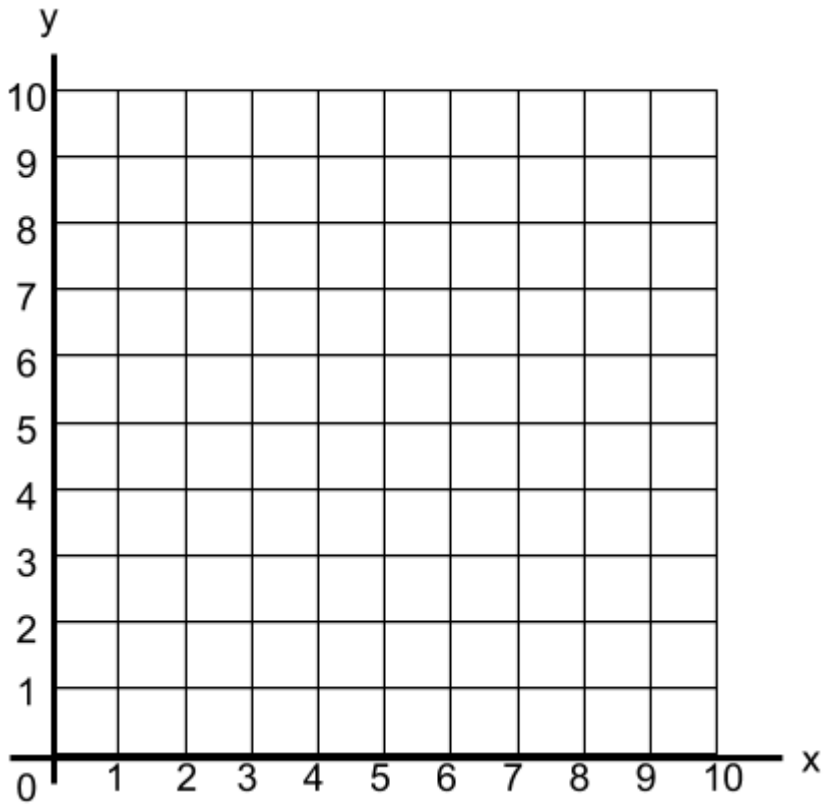
	True	False
• The third corner could have coordinates (2, 5)		
• The third corner could have coordinates (3, 6)		
• The third corner could have coordinates (2, 4)		

2. You may find the grid below useful in solving this question. **Two corners** of a **right-angled triangle** have coordinates **(2, 3)** and **(9, 3)**. Look at the three statements below. Tick the correct box to show whether the statement is **true** or **false.**



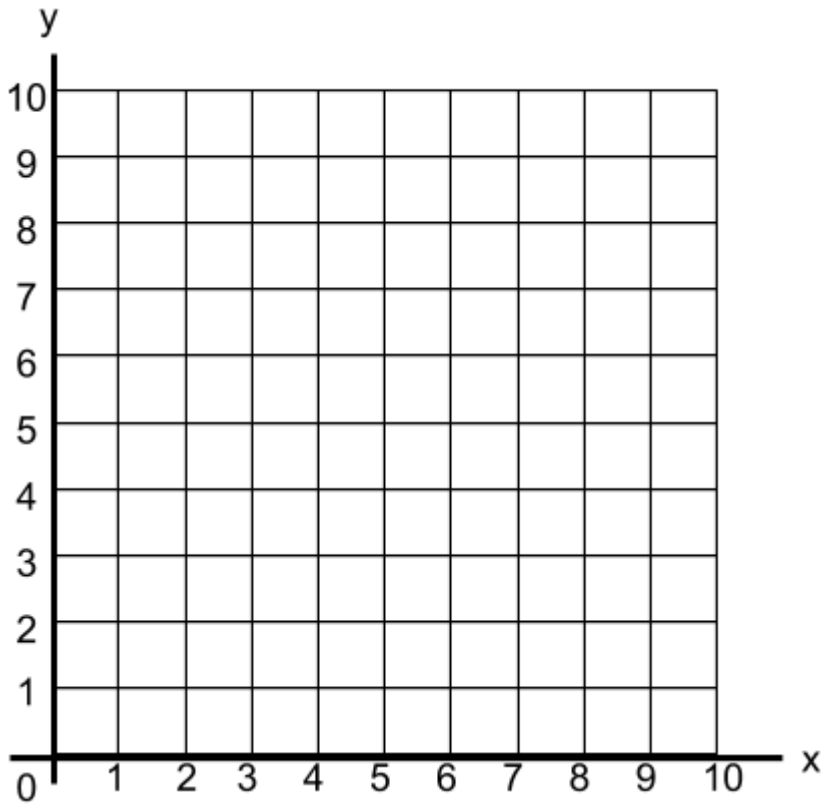
	True	False
• The third corner could have coordinates (8, 7)		
• The third corner could have coordinates (9, 9)		
• The third corner could have coordinates (8, 2)		

3. You may find the grid below useful in solving this question. **Two corners** of a **right-angled triangle** have coordinates **(4, 4)** and **(8, 10)**. Look at the three statements below. Tick the correct box to show whether the statement is **true** or **false.**



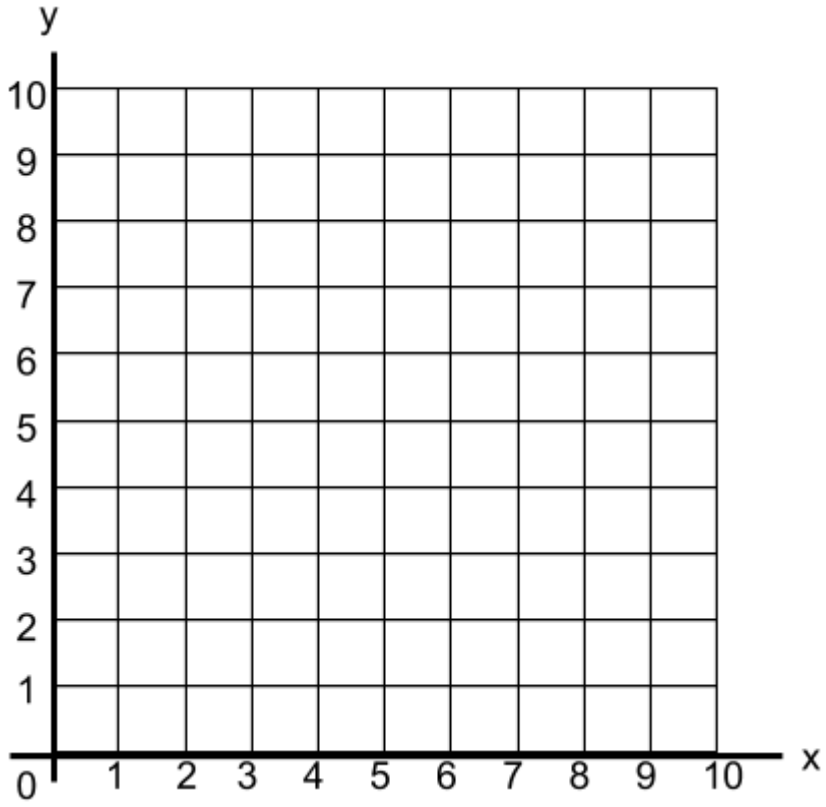
	True	False
• The third corner could have coordinates (4, 10)		
• The third corner could have coordinates (3, 5)		
• The third corner could have coordinates (6, 8)		

4. You may find the grid below useful in solving this question. **Two corners** of a **right-angled triangle** have coordinates **(7, 7)** and **(7, 1)**. Look at the three statements below. Tick the correct box to show whether the statement is **true** or **false.**



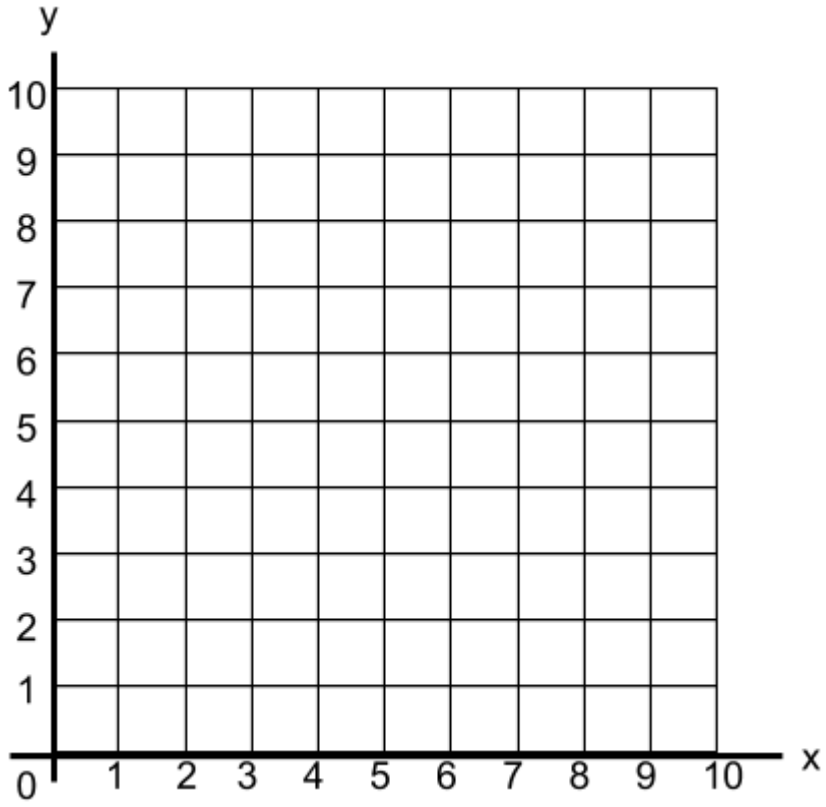
	True	False
• The third corner could have coordinates (3, 0)		
• The third corner could have coordinates (1, 8)		
• The third corner could have coordinates (2, 7)		

5. You may find the grid below useful in solving this question. **Two corners** of a **right-angled triangle** have coordinates **(2, 8)** and **(4, 1)**. Look at the three statements below. Tick the correct box to show whether the statement is **true** or **false.**



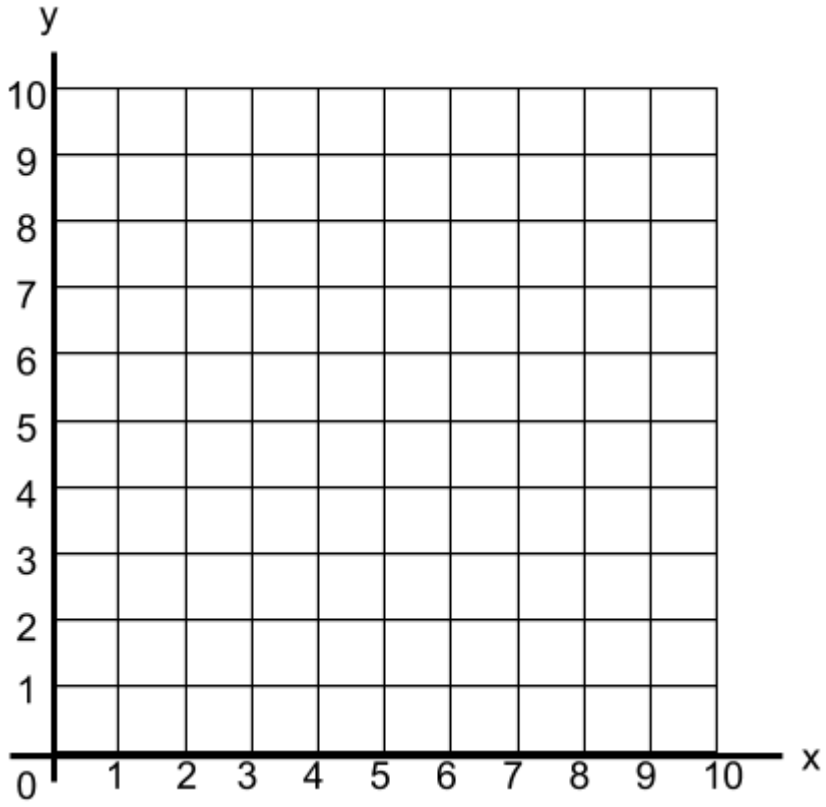
	True	False
• The third corner could have coordinates (8, 2)		
• The third corner could have coordinates (6, 5)		
• The third corner could have coordinates (2, 1)		

6. You may find the grid below useful in solving this question. **Two corners** of a **right-angled triangle** have coordinates **(1, 3)** and **(1, 1)**. Look at the three statements below. Tick the correct box to show whether the statement is **true** or **false.**



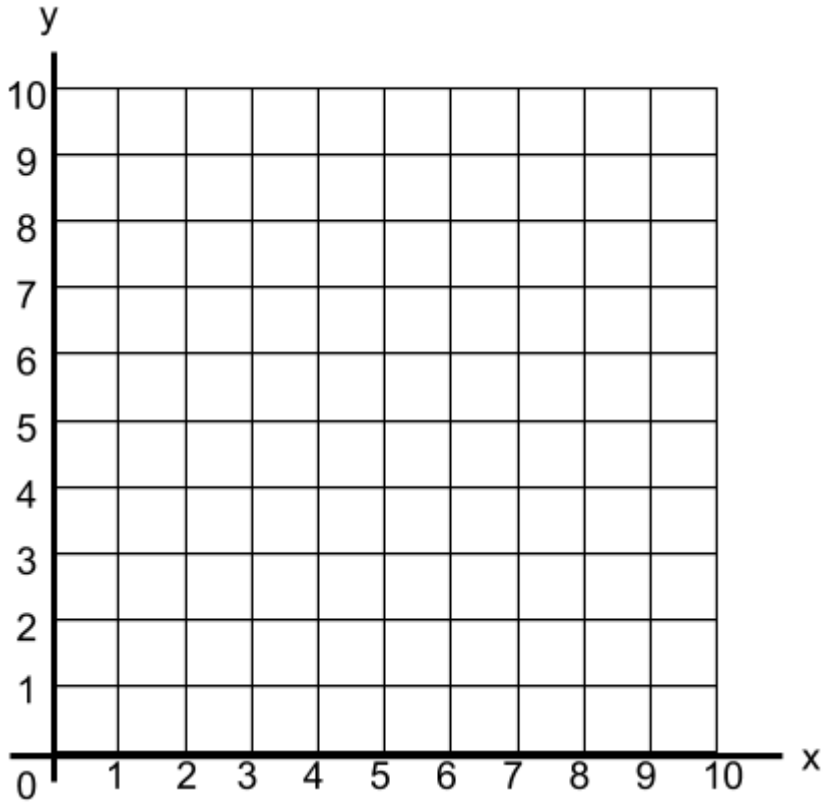
	True	False
• The third corner could have coordinates (9, 1)		
• The third corner could have coordinates (4, 6)		
• The third corner could have coordinates (8, 2)		

7. You may find the grid below useful in solving this question. **Two corners** of a **right-angled triangle** have coordinates **(3, 3)** and **(6, 5)**. Look at the three statements below. Tick the correct box to show whether the statement is **true** or **false.**



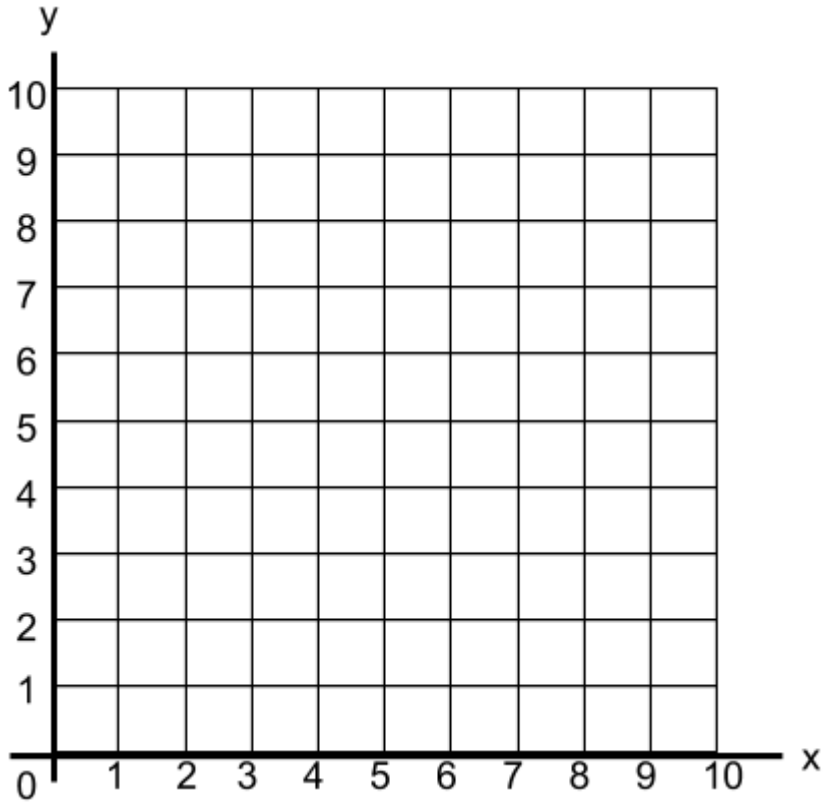
	True	False
• The third corner could have coordinates (4, 8)		
• The third corner could have coordinates (3, 5)		
• The third corner could have coordinates (8, 2)		

8. You may find the grid below useful in solving this question. **Two corners** of a **right-angled triangle** have coordinates **(6, 2)** and **(8, 2)**. Look at the three statements below. Tick the correct box to show whether the statement is **true** or **false.**



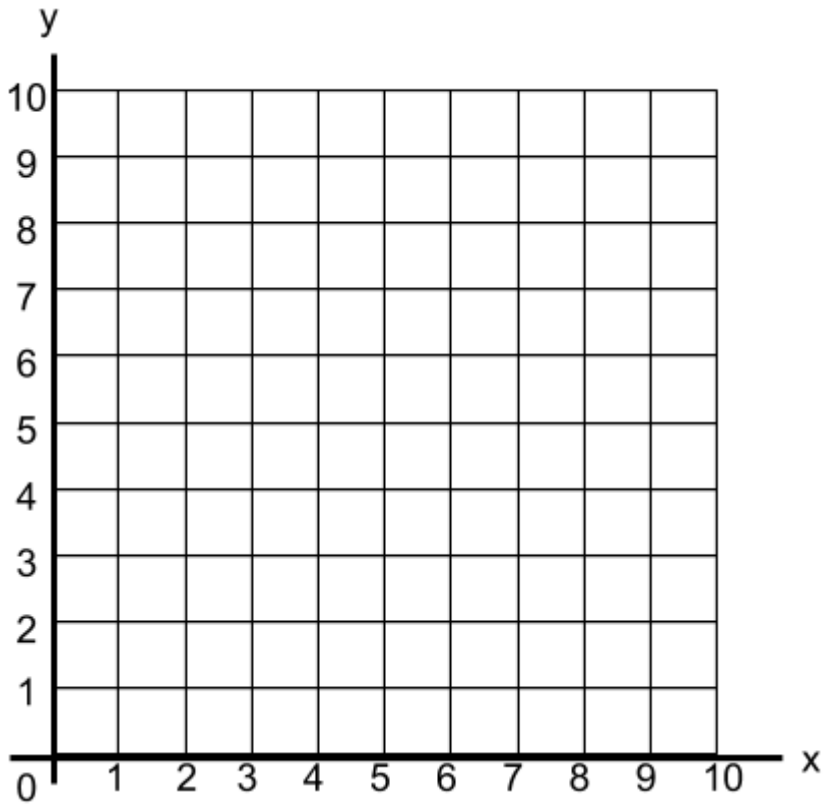
	True	False
• The third corner could have coordinates (8, 7)		
• The third corner could have coordinates (1, 4)		
• The third corner could have coordinates (3, 2)		

9. You may find the grid below useful in solving this question. **Two corners** of a **right-angled triangle** have coordinates **(1, 6)** and **(3, 4)**. Look at the three statements below. Tick the correct box to show whether the statement is **true** or **false.**



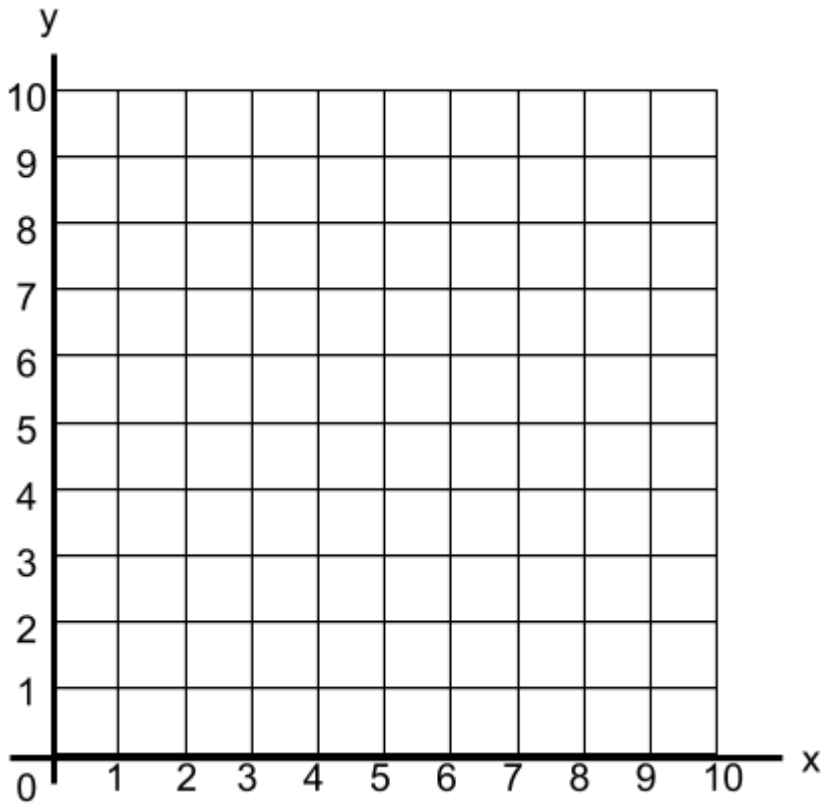
	True	False
• The third corner could have coordinates (2, 5)		
• The third corner could have coordinates (1, 4)		
• The third corner could have coordinates (5, 7)		

10. You may find the grid below useful in solving this question. **Two corners** of a **right-angled triangle** have coordinates **(8, 5)** and **(9, 4)**. Look at the three statements below. Tick the correct box to show whether the statement is **true** or **false.**



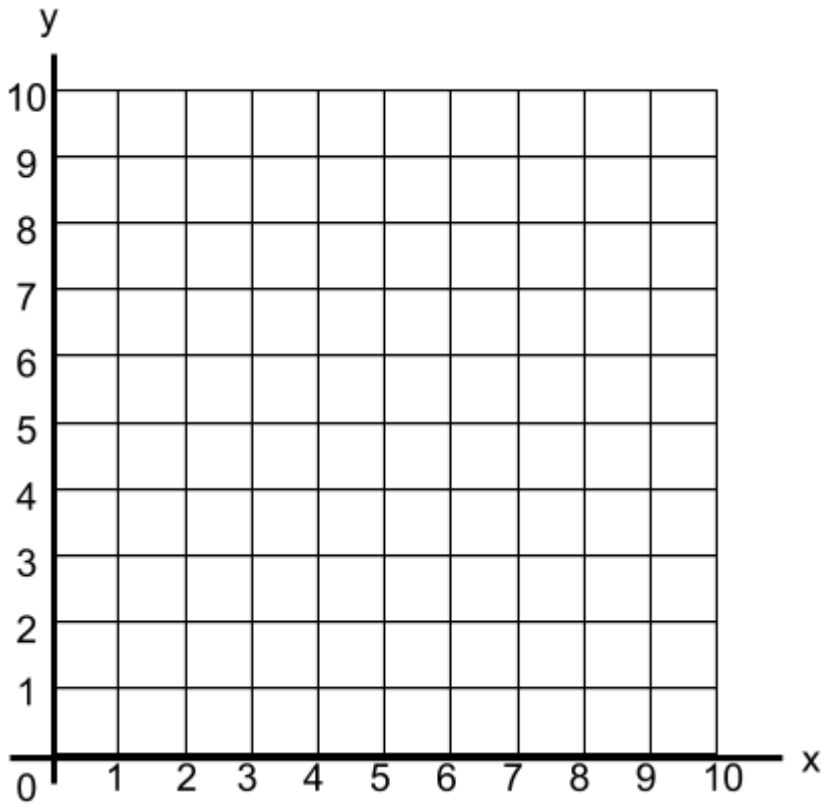
	True	False
• The third corner could have coordinates (2, 7)		
• The third corner could have coordinates (1, 9)		
• The third corner could have coordinates (9, 5)		

11. You may find the grid below useful in solving this question. **Two corners** of an **isosceles triangle** have coordinates **(2, 2)** and **(10, 2)**. Look at the three statements below. Tick the correct box to show whether the statement is **true** or **false.**



	True	False
• The third corner could have coordinates (8, 7)		
• The third corner could have coordinates (3, 7)		
• The third corner could have coordinates (6, 8)		

12. You may find the grid below useful in solving this question. **Two corners** of an **isosceles triangle** have coordinates **(1, 8)** and **(5, 8)**. Look at the three statements below. Tick the correct box to show whether the statement is **true** or **false.**



	True	False
• The third corner could have coordinates (3, 2)		
• The third corner could have coordinates (4, 7)		
• The third corner could have coordinates (8, 2)		

STIRLING TUITION

Answers

1. **(2,4)**
2. **(9,9)**
3. **(4,10)**
4. **(2,7)**
5. **(2,1)**
6. **(9,1)**
7. **(3,5)**
8. **(8,7)**
9. **(1,4)**
10. **(9,5)**
11. **(6,8)**
12. **(3,2)**