

Q5 (Prime Numbers) Day 40Name: _____

1. John notices that $24 = 5 + 19$ and that **5** and **19** are both **prime** numbers. Find **two other** prime numbers which add to give **24**. Write your answers in the spaces below.

_____ and _____

2. Sam notices that $30 = 19 + 11$ and that **19** and **11** are both **prime** numbers. Find **two other** prime numbers which add to give **30**. Write your answers in the spaces below.

_____ and _____

3. Barney notices that $36 = 19 + 17$ and that **19** and **17** are both **prime** numbers. Find **two other** prime numbers which add to give **36**. Write your answers in the spaces below.

_____ and _____

4. Ruth notices that $42 = 19 + 23$ and that **19** and **23** are both **prime** numbers. Find **two other** prime numbers which add to give **42**. Write your answers in the spaces below.

_____ and _____

5. Grace notices that $48 = 19 + 29$ and that **19** and **29** are both **prime** numbers. Find **two other** prime numbers which add to give **48**. Write your answers in the spaces below.

_____ and _____

6. Derek notices that $54 = 31 + 23$ and that **31** and **23** are both **prime** numbers. Find **two other** prime numbers which add to give **54**. Write your answers in the spaces below.

_____ and _____

7. Michael notices that $60 = 41 + 19$ and that **41** and **60** are both **prime** numbers. Find **two other** prime numbers which add to give **60**. Write your answers in the spaces below.

_____ and _____

8. Clare notices that $25 = 2 + 23$ and that **2** and **23** are both **prime** numbers and that **25** is a **square number**. Find **two** prime numbers which add to give the square number **36**. Write your answers in the spaces below.

_____ and _____

9. Max notices that $25 = 2 + 23$ and that **2** and **23** are both **prime** numbers and that **25** is a **square number**. Find **two** prime numbers which add to give the square number **49**. Write your answers in the spaces below.

_____ and _____

10. Annie notices that $25 = 2 + 23$ and that **2** and **23** are both **prime** numbers and that **25** is a **square number**. Find **two** prime numbers which add to give the square number **64**. Write your answers in the spaces below.

_____ and _____

11. Patrick notices that $25 = 2 + 23$ and that **2** and **23** are both **prime** numbers and that **25** is a **square number**. Find **two** prime numbers which add to give the square number **81**. Write your answers in the spaces below.

_____ and _____

12. Gemma notices that $25 = 2 + 23$ and that **2** and **23** are both **prime** numbers and that **25** is a **square number**. Find **two** prime numbers which add to give the square number **100**. Write your answers in the spaces below.

_____ and _____

Answers

- 1. 11, 13 or 7, 17 or 19, 5**
- 2. 13, 17 or 7, 23 or 19, 11**
- 3. 23, 13 or 31, 5 or 29, 7 or 17,19**
- 4. 29, 13 or 31, 11 or 29, 13 or 5, 37**
- 5. 31, 17 or 43, 5 or 41, 7 or 37, 11 or 31, 17**
- 6. 37, 17 or 47, 7 or 43, 11 or 41, 13 or 23, 31**
- 7. 43, 17 or 53, 7 or 47, 13 or 43, 17 or 37, 23 or 31, 29 or 19, 41**
- 8. 13, 23 or 31, 5 or 29, 7 or 17, 19**
- 9. 2, 47**
- 10.17, 47 or 61, 3 or 59, 5 or 53, 11 or 47, 17 or 41, 23**
- 11.2, 79**
- 12.3, 97 or 89, 11 or 83, 17 or 71, 29 or 59, 41 or 53, 47**