

# Weekly Quiz

## Questions:

### Week 9 – Solutions to the maths office by Thursday 3<sup>rd</sup> March

1. Fred's average in his exams after 8 results was 54. This dropped to 49 when he received his ninth result which was for Maths. What was his Maths mark?
  - a. 9 %
  - b. 49%
  - c. 54%
  - d. 18%
2. Last week I was at a party with 10 people. Because the party was rather dull, I started thinking and calculating. I wondered what the probability is that at least two of them shared the same birthday.
  - a. Approximately 0.005
  - b. Approximately 0.05
  - c. Approximately 0.5
  - d. Approximately 5
3. Just fill in the blank: 1, 2, 6, 24, 120, ...?
  - a. 445
  - b. 500
  - c. 600
  - d. 720
4. Which is an equation of the line that passes through point (3,5) and is parallel to the x-axis?
  - a.  $x = 3$
  - b.  $y = 5$
  - c.  $x = 5$
  - d.  $y = 3$
5. Which is the converse of the statement 'If today is Presidents' Day, then there is no school'?
  - a. If there is school, then today is not Presidents' Day.
  - b. If today is not Presidents' Day, then there is school.
  - c. If today is Presidents' Day, then there is school.
  - d. If there is no school, then today is Presidents' Day.

# Weekly Quiz

Solutions:

**Week 9 – 03/03/05**

1. a
2. b
3. d
4. b
5. d