HOLY TRINITY

INDIGO C

1) $5\dfrac{3}{5} - 1\dfrac{4}{9}$

2) $4\dfrac{4}{9} \times 2\dfrac{3}{4}$

3) 32.9 × 4.2

4) A prize of £2439 is shared equally between 18 people. How much does each person get?

5) Jimmy owns a shop. He paid £120 for a CD Player, and sold it for £105. What was the percentage loss?

6) *You may use a calculator for this question.*

   ■ 1 inch is equivalent to 2.54cm.
   ■ There are 63360 inches in a mile.
   Use these facts to work out how many metres there are in a mile.

7) *You may use a calculator for this question*

   The volume of a cone is given by the formula
   $$V = \dfrac{1}{3}\pi r2h$$
   Find the volume of a cone with radius 5.8m and height 2.1m

8) Which of these statements is true?
   ■ $15614 = 1 + 5^6 - 1 \times 4$
   ■ $15615 = 1 + 5^6 - 1 \times 5$
   ■ $15616 = 1 + 5^6 - 1 \times 6$
   ■ $15617 = 1 + 5^6 - 1 \times 7$
   ■ $15618 = 1 + 5^6 - 1 \times 8$