

INDIGO F

1) $2\frac{3}{5} \div 1\frac{4}{5}$

2) $5 \times 64.3 \times 5 \times 4$

- 3) 432g of sugar is used to make 16 cupcakes. How many grams of sugar is in each cupcake?

- 4) The surface area of a sphere is given by the formula

$$A = 4\pi r^2$$

Using $\pi=3.14$, find the surface area of a sphere with radius 5 feet.

- 5) A sale at a garden centre offers 20% off on items that cost £30 or more. How much cheaper is a spade costing £32.45 than a spade costing £27.95?

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

1 oz = 28.3495 grams. Jon is baking and needs 36oz of sugar. He has a 1kg bag of sugar. Does Jon have enough?

- 7) Robin baked a cake. He ate $\frac{1}{5}$ of it on Monday, $\frac{1}{4}$ on Tuesday and $\frac{1}{3}$ on Wednesday. What fraction was left for Thursday

- 8) A rectangle is split into triangles by drawing in its diagonals. What is the ratio of the areas P and Q?

