**Name**_____ **Date**_____

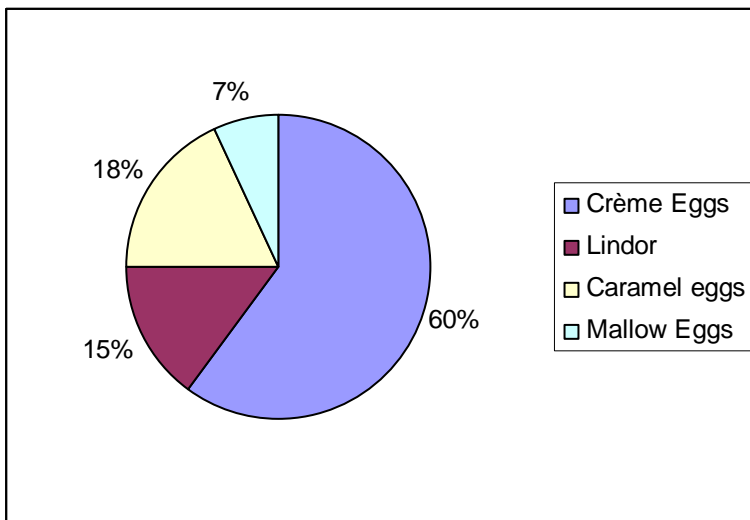# Easter Numeracy Assignment
## Activity 1

1. This year the Easter holidays are from 2<sup>nd</sup> April to 18<sup>th</sup> April.
   How many days do you have off college?



2. This chart shows the percentages of Easter eggs sold in the college canteen last week.



What is missing from this pie chart?
   a.  the key
   b.  the title
   c.  sectors
   d.  x axis

3. What is 60% as a fraction?

4. What is 60% as a decimal?

5. The total sales of eggs comes to six hundred and thirty two pounds and fifty pence. Multiply this amount by 10 and then write your answer in figures.

5. Round your answer to the nearest £100.

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Covers many L1 number, measure and data elements.
Page 1

**Name**_____ **Date**_____
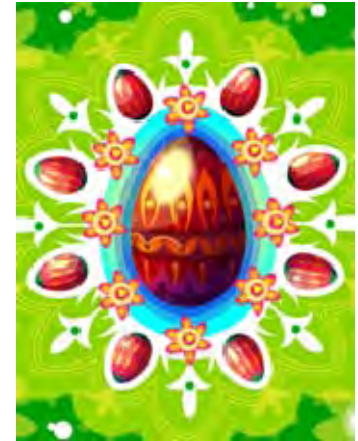
# Easter Numeracy Assignment
## Activity 2

1. The Easter eggs are delivered on a Monday evening.

They arrive at Booth Lane campus at 4.30 pm.
Then they get to Lower Mounts campus at quarter past five.
Finally they get to Daventry campus for 6.15pm.

a) Write the delivery times in the diary in the 24 hour clock.

b) Write your college class times in the diary using the 24 hour clock.

| Monday | Thursday |
|---|---|
| Tuesday | Friday |
| Wednesday | Saturday |
|  | Sunday |

2. Big Easter eggs come in boxes that measure

25cm (high)      20cm (wide)      15cm (deep)

Here is a picture of a big Easter egg:

What is the volume of the Easter egg box?

3. Carrie has bought a big Easter egg for her friend at work. She wants to hide it.
   These are the spaces under her desk. Tick the spaces the egg will fit in.

  (h) 26cm  (w) 20cm  (d) 16cm

  (h) 22cm  (w) 18cm  (d) 14cm

  (h) 25cm  (w) 24cm  (d) 10cm

  (h) 28cm  (w) 22cm  (d) 18cm

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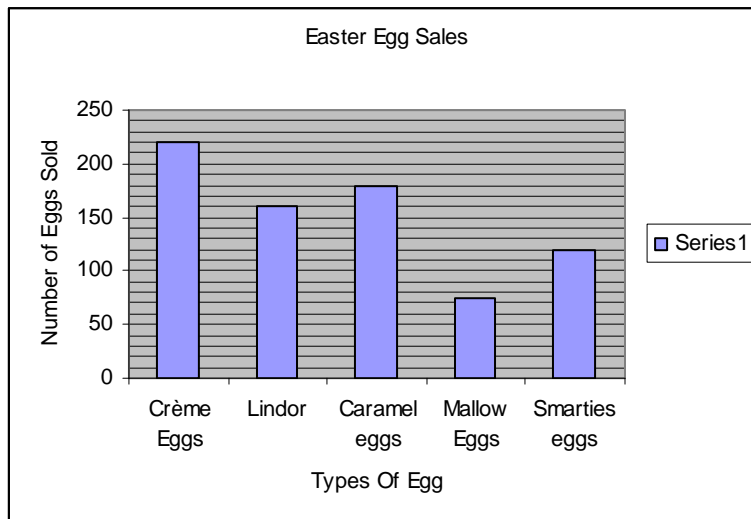Page 2

**Name**_____ **Date**_____

# Easter Numeracy Assignment

4. Carrie then decides to buy eggs for her family and friends. This is how much she spends on each egg:

| £3 | £3 | £4 | £3 | £6 | £5 |
|----|----|----|----|----|----|

    a.  What is the mean cost of the Easter eggs?

    b.  What is the median?

    c.  What is the mode?

    d.  What is the range?

5. This bar chart shows the number of Easter eggs sold in the college canteen last week. Estimate the total number of eggs sold.



6. Calculate the total number of eggs sold.

7. What is the range of the number of eggs sold?

8. How much greater were the sales of Lindor eggs than Mallow eggs?

9. £280,000,000 was spent on Easter eggs in the 4 days leading up to Easter 2008. Write this amount in words.

10. Bargain Land is open on Good Friday from 10.15am until 15.45. How long is it open for?

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Name_____ Date_____

# Easter Numeracy Assignment

## Activity 3

1. We start back at college on 19/04/10. Write this date in words.

2. This year 29376 chickens hatched in Northamptonshire.
   Round this number to the nearest 10.

3. 14758 of these chickens are female. How many of the chickens are male?

4. The farm shop sells Simnel cake slices for £1.95p each.
   How much would it cost to buy 12 slices?

5. They also sell painted eggs. They cost £3.65 each. How many can I buy if I have £30?

6. How much would it cost to buy 3 slices of Simnel cake and 4 painted eggs?

7. Round this amount to the nearest pound.

8. By Easter Sunday they have sold 2/3 of the painted eggs. Circle 2/3 of the eggs.



9. The eggs come in boxes of 8. How many boxes does the farm need to order if they want 60 eggs?

10. The farm shop closes at 5.30pm. Carrie leaves work at 16:50. It takes her 25 minutes to get there and 5 minutes to park and walk to the shop. Will she get there in time?

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**Name**_____ **Date**_____

# Easter Numeracy Assignment
## Activity 4

1. You decide to make a Simnel cake. These are the ingredients for 8 servings.

**175g butter or margarine**

**175g soft brown sugar**

**3 free-range eggs, beaten**

**175g plain flour**

**pinch salt**

**½ tsp ground mixed spice (optional)**

**350g mixed dried fruit**

**55g chopped mixed peel**

**½ lemon, grated zest only**

**1-2 tbsp apricot jam**

**1 free-range egg, beaten for glazing**

a. Rewrite the recipe for 12 servings.

b. What is the ratio of butter to flour?

c. What is the ratio of mixed dried fruit to sugar?