

CRIME SCENE INVESTIGATION

Yesterday a terrible thing happened – the Easter bunny had all his chocolate eggs stolen!

The Easter Bunny needs your help to find out who stole his eggs – he needs them back before Easter. You must succeed or else there will be no Easter eggs this year.

The most likely suspects were gathered up and are shown below, one of these suspects committed the crime. Use the evidence on the following pages to find out which one.

| | | | |
|---|---|---|---|
|  |  |  |  |
| Easter Bunnies Cousin | Ned | Easter Chicken | Mrs Easter Bunny |
|  |  |  |  |
| Tooth-Fairy | Easter Duck | Chocolate Chef Charlie | Little red riding hood |

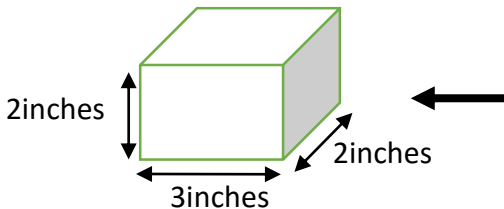
THE EASTER POLICE HAVE FOUND FIVE CLUES WHICH CAN BE SEEN ON THE FOLLOWING PAGES

AFTER YOU HAVE SOLVED EACH CLUE COME BACK HERE TO CROSS PEOPLE OFF THE SUSPECT LIST UNTIL YOU HAVE FOUND THE CRIMINAL

WHEELING AWAY THE EGGS

A witness said they saw someone running away from the Easter Bunnies house with a large wheelbarrow full of Easter eggs! All the suspects have wheelbarrows, however it would have taken a large wheelbarrow to steal all the eggs – this means the suspect with the smallest wheelbarrow couldn't have committed the crime and can be crossed off the suspect list.

Calculate the volume of each suspects wheelbarrow and cross the suspect who has the wheelbarrow with the smallest volume off the suspect list.



To Calculate Volume = height x width x length
 e.g. 2 inches x 3 inches x 2 inches
 = 12 inches³

CROSS OFF THE SUSPECT WHO HAS THE WHEELBARROW WITH THE SMALLEST VOLUME.

| Easter Bunnies Cousin | Cheeky Boy | Fairy Chicken | Mrs Easter Bunny |
|--|--|------------------------|------------------------|
| | | | |
| Volume = height x width x length Volume = 4 x 3 x 2 Volume = | Volume = height x width x length Volume = 1 x 2 x 3 Volume = | Volume = | Volume = |
| Tooth Fairy | Easter Duck | Chocolate Chef Charlie | Little Red Riding-Hood |
| | | | |
| Volume = | Volume = | Volume = | Volume = |

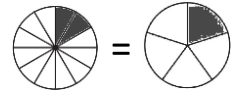
PREVIEW
THANKS FOR LOOKING!

THE CHOCOLATE ZAPPER GUN

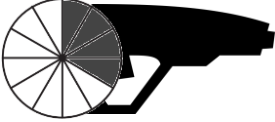












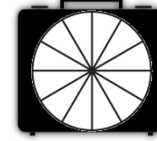
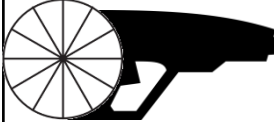

The chocolate eggs were stored in a special safe. The only way to get into the safe was to blast it open using a special chocolate zapper gun. All of the suspects had a chocolate zapper gun and a spare zapper cartridge. However to break into the egg safe would have used up a lot of zapper power. Calculate and combine the amount of zapper power in each suspects zapper gun and spare zapper cartridge. The suspect with the most amount of zapper fuel can be crossed off the suspect list as they couldn't have used their zapper.

Remember $\frac{1}{10} + \frac{2}{10} = \frac{3}{10}$

$\frac{1}{5}$ is the same size as $\frac{2}{10}$



CROSS THE SUSPECT OFF THE LIST WHO HAS THE MOST AMOUNT OF TOTAL ZAPPER CHARGE.
(Add the charge in the gun with the charge of the spare cartridge)

| Bunnies Cousin | Cheeky Boy | Easter Chick | Mrs Easter Bunny |
|--|--|--|--|
| $\frac{4}{10}$ Charge in gun  $\frac{3}{10}$ Charge in cartridge  + Total Charge $\frac{4}{10} + \frac{3}{10} = \square$ | $\frac{6}{10}$ Charge in gun  $\frac{2}{10}$ Charge in cartridge  + Total Charge $\frac{6}{10} + \frac{2}{10} = \square$ | $\frac{2}{10}$ Charge in gun  $\frac{3}{5}$ Charge in cartridge  + Total Charge $\frac{2}{10} + \frac{3}{5} = \square$ | $\frac{2}{5}$ Charge in gun  $\frac{5}{10}$ Charge in cartridge  + Total Charge $\frac{1}{5} + \frac{4}{10} = \square$ |
| Tooth Fairy | Easter Duck | Chef Charlie | Red Riding-Hood |
| $\frac{1}{5}$ Charge in gun  $\frac{6}{10}$ Charge in cartridge  + Total Charge $\frac{1}{5} + \frac{6}{10} = \square$ | $\frac{3}{10}$ Charge in gun  $\frac{4}{10}$ Charge in cartridge  + Total Charge $\frac{3}{10} + \frac{4}{10} = \square$ | $\frac{1}{5}$ Charge in gun  $\frac{3}{10}$ Charge in cartridge  + Total Charge $\frac{1}{5} + \frac{3}{10} = \square$ | $\frac{5}{10}$ Charge in gun  $\frac{2}{5}$ Charge in cartridge  + Total Charge $\frac{5}{10} + \frac{2}{5} = \square$ |

Shade in the amount of charge in each suspects zapper.
Cross off the suspect with the most amount of total zapper charge.

EATING THE EASTER-EGGS

The Easter bunny is generous and every year he gives out easter-eggs to his friends. He had given all the suspects eggs at the start of the year. All of the suspects had eaten some of the eggs – however the two suspects with the largest number of eggs still remaining can be crossed off the suspect list as they wouldn't need to steal any more eggs.

WORK OUT HOW MANY EGGS EACH SUSPECT HAS LEFT. CROSS OFF THE **TWO** SUSPECTS WITH THE **MOST** AMOUNT OF TOTAL EASTER EGGS LEFT.

| | Bunnies Cousin |
|------------|----------------|
| Eggs given | 163 |
| Eggs eaten | 52 |
| Eggs Left | _____ |

| | Cheeky Boy |
|------------|------------|
| Eggs given | 143 |
| Eggs eaten | 61 |
| Eggs Left | _____ |

| | Easter Chicken |
|------------|----------------|
| Eggs given | 178 |
| Eggs eaten | 42 |
| Eggs Left | _____ |

| | Mrs Easter Bunny |
|------------|------------------|
| Eggs given | 125 |
| Eggs eaten | 57 |
| Eggs Left | _____ |

| | Fairy |
|------------|-------|
| Eggs given | 112 |
| Eggs eaten | 22 |
| Eggs Left | _____ |

| | Easter Duck |
|------------|-------------|
| Eggs given | 138 |
| Eggs eaten | 24 |
| Eggs Left | _____ |

| | Chef Charlie |
|------------|--------------|
| Eggs given | 180 |
| Eggs eaten | 88 |
| Eggs Left | _____ |

| | Red Riding-Hood |
|------------|-----------------|
| Eggs given | 172 |
| Eggs eaten | 123 |
| Eggs Left | _____ |

FIND THE TOTAL AMOUNT OF EGGS EACH SUSPECT HAS LEFT.
CROSS THE TWO SUSPECTS WITH THE MOST AMOUNT OF EGGS
LEFT OFF THE SUSPECT LIST.

TRAVEL TIME

The Easter police have the time each suspect left their house on the day of the crime, and the time they returned. The police have also measured how long it takes to get from each of the suspects house to the where the eggs were stolen from.

WORK OUT THE TOTAL TIME EACH SUSPECT WAS AWAY FROM THEIR HOUSE. LOOK AT THE MAP TO SEE HOW LONG IT TAKES FOR EACH SUSPECT TO WALK FROM THEIR HOUSE TO THE EASTER EGGS.

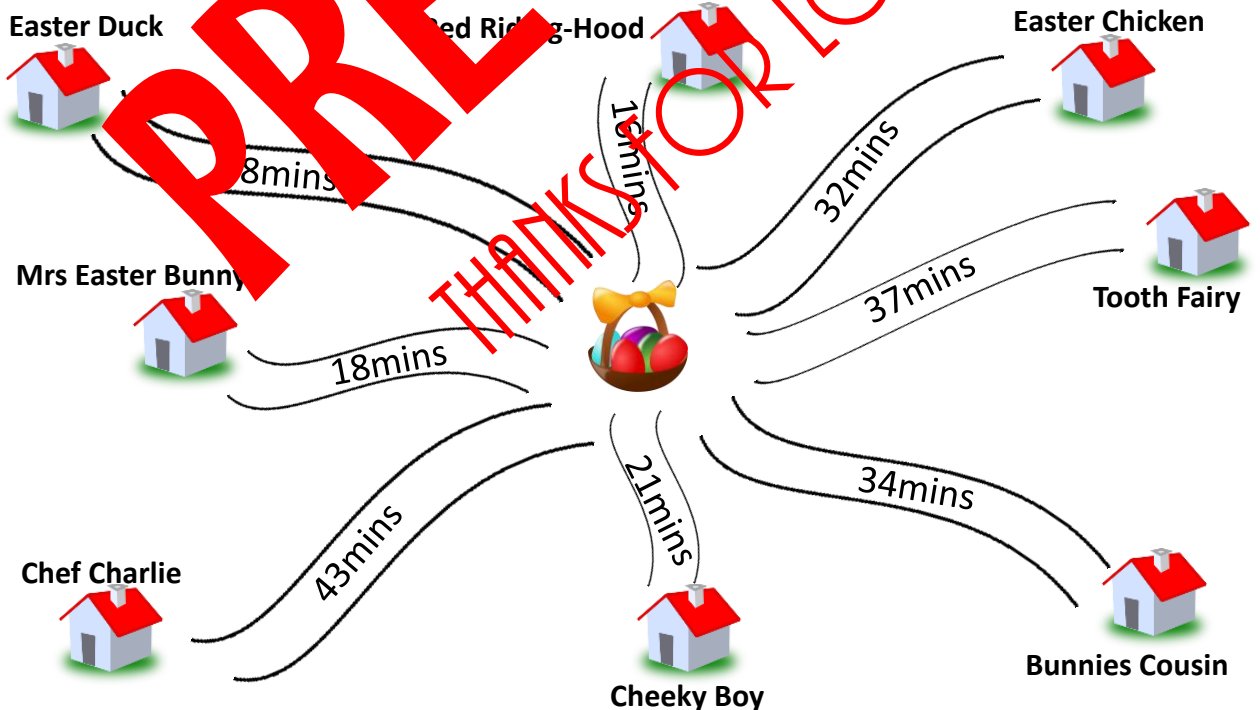
CROSS OFF ANY SUSPECT WHO WOULDN'T HAVE HAD ENOUGH TIME TO GET TO THE EGGS AND BACK.

When calculating how long it takes to eggs and back it is double the time on the path

e.g. – total time for this house would be
 $10\text{mins} \times 2 = 20\text{mins}$



| | Time to walk to eggs and back | Time left house | Time returned home | Total time | Did they have enough time to commit crime |
|------------------|--|-----------------|--------------------|------------|--|
| Easter Duck | $48\text{mins} \times 2 = 96\text{mins}$ | 8:30am | 10:30am | 120mins | He was away for 120mins. It takes 96mins to go to the eggs and back. |
| Red Riding-Hood | $16\text{mins} \times 2 =$ | 10:03am | 10:48am | | |
| Easter Chicken | | 9:18am | 10:00am | | |
| Mrs Easter Bunny | | 9:50am | 10:35am | | |
| Tooth Fairy | | 10:30am | 11:00am | | |
| Chef Charlie | | 10:44am | 11:55am | | |
| Cheeky Boy | | 9:20am | 10:13am | | |
| Bunnies Cousin | | 10:25am | 11:45am | | |



PREVIEW
 THANKS FOR LOOKING!

THE POWER OF THE EGGS

You found the suspect and all the missing Easter eggs – congratulations! However, the Easter bunny needs to arrange his eggs in the correct way in his basket to release their magical power. If he arranges the eggs in the correct way time slows down which allows him to visit every child during Easter day. Can you help him???

DIRECTIONS: Fill in each circle with a number (Easter egg) from the number bank. Each number can only be used once. The three circles which connect to the middle star must have numbers which add up to the middle number (35).



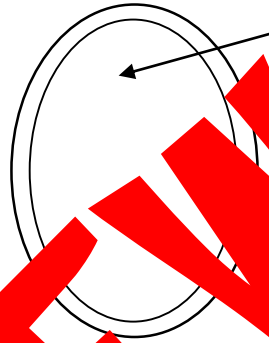
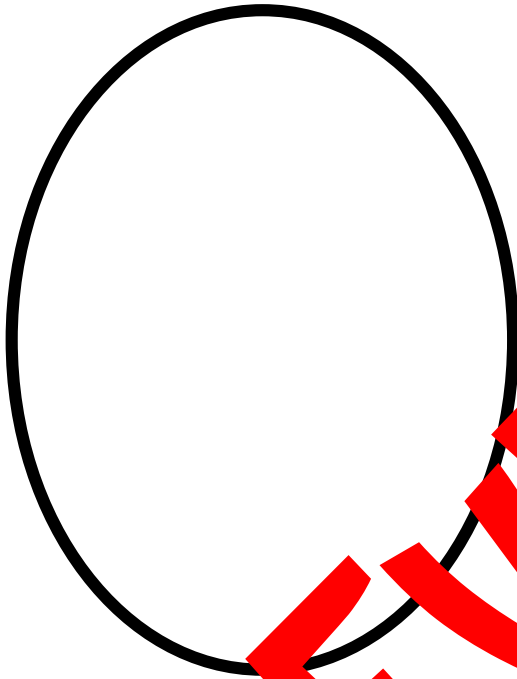
EASTER EGG NUMBER BANK

| | | | | |
|----|----|----|----|----|
| 13 | 11 | 10 | 7 | 9 |
| 8 | 14 | 6 | 18 | 12 |

DESIGN YOUR EASTER EGG

EASTER EGG NAME: _____

Color in your Easter egg wrapping

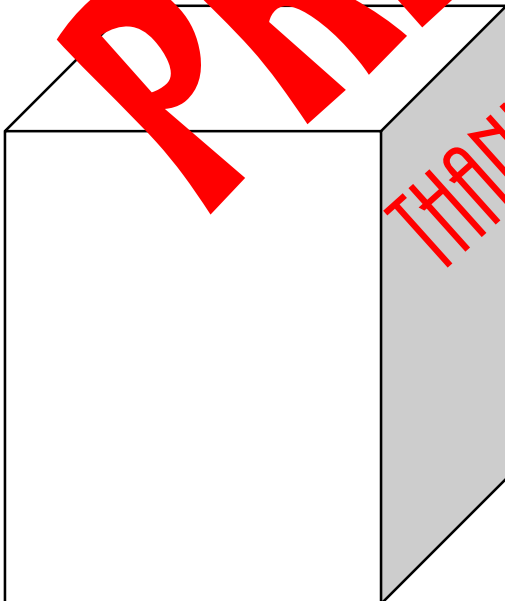


What's inside your egg?

Write the name of your chocolate: _____

Write a jingle, song, or advert to promote your egg to shoppers

Design the box for your Easter egg



PREVIEW
THANKS FOR LOOKING!