

# Harry Potter,

in transition!



## Horcrux Hunt

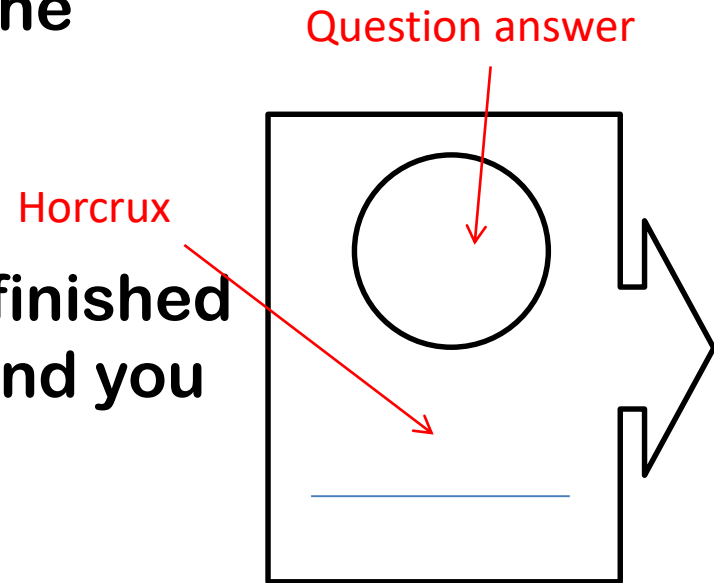
A Horcrux is a normal object that Dark Wizards hide part of their souls inside. They must be destroyed in order to be able to kill the Dark Wizards.

You are going to go on a Horcrux Hunt! You must solve a question (this destroys the Horcrux) and then use the answer to find the next clue.

You must record both the object that the horcrux was hidden in and the numerical answer to the question.

# Horcrux Hunt Rules

- Write down the question answer in the circle and the name of the object on the line (the horcrux).
- You can start at any object, you are finished when all your circles are complete and you get back to where you started.
- No calculators allowed, you can use your miniwhiteboard for working out!

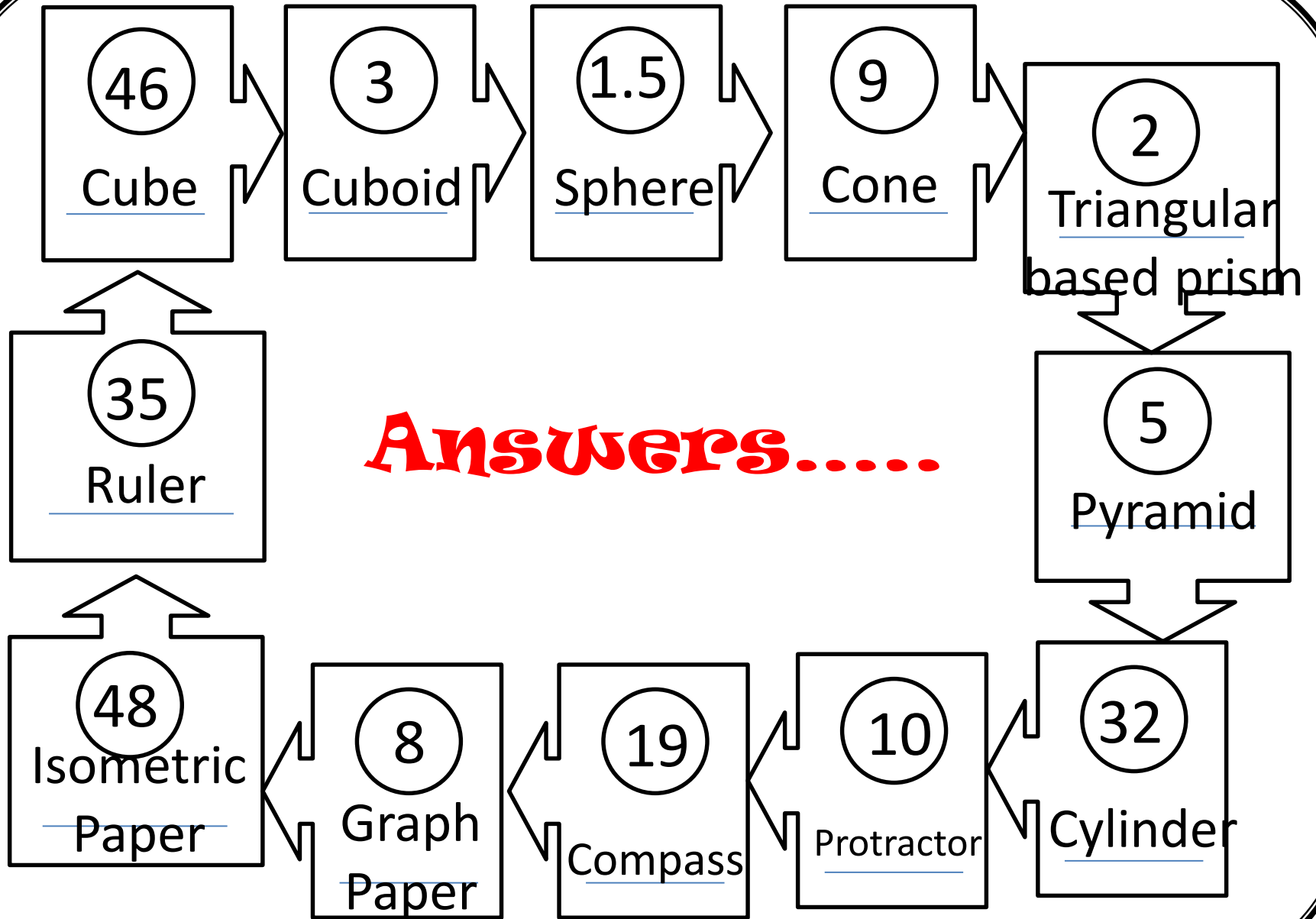


**Please act sensibly around the rooms and corridors, the Horcruxes are only hidden in the Maths rooms – your teacher will tell you where these are.**

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in transition!

# **Horcrux Hunt Answers.....**



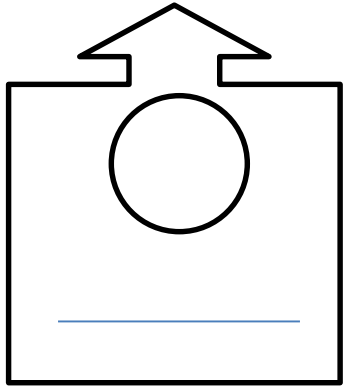
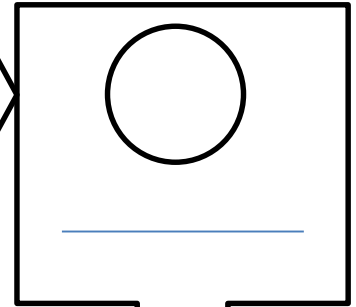
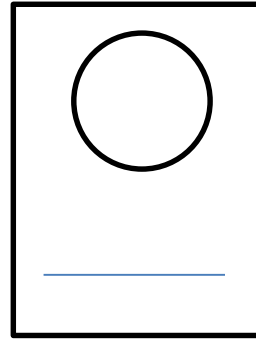
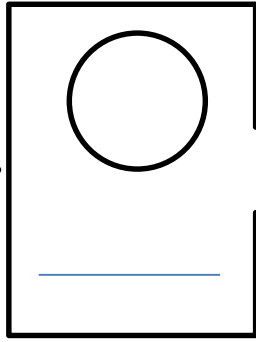
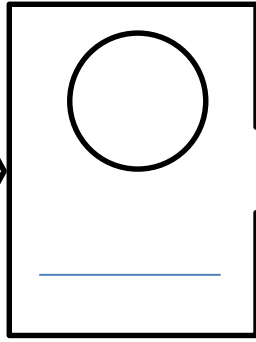
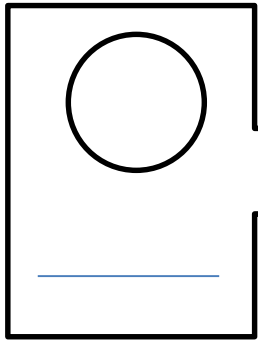
# **In Pairs Discuss:**

- Which lesson did you enjoy most in the Harry Potter transition and why?
- Which did you find most challenging? Why?
- What new skills have you learnt from the lessons? (not necessarily just maths skills)
- Do you have any questions about Maths at secondary school?
- How do you feel about Mathematics in secondary school?

**Harry Potter**

in transition!

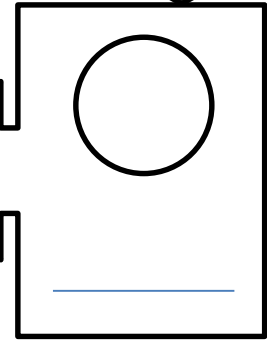
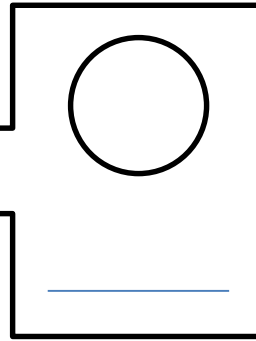
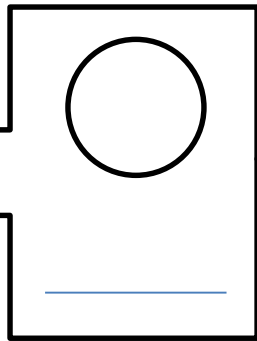
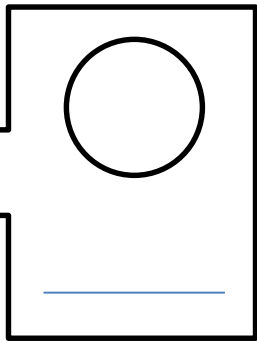
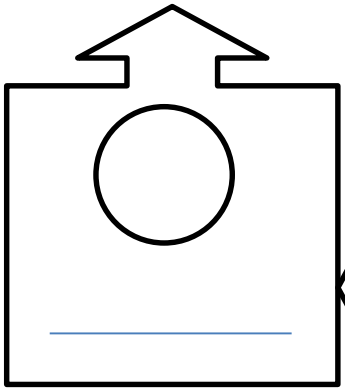
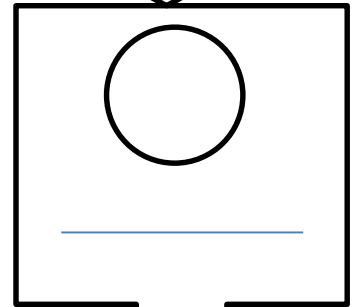
Teacher resources for hunt....



# **Horcrux Hunt**

## Answer Sheet

Name: \_\_\_\_\_



→ **46**

Previous Answer

**Horcrux  
hunt  
clue!**

### **Magic Maths!**

Think of a number,

Double it,

Add 6.

Halve it.

Take away your first  
number.

What is left?

Hint: check with a different  
number.



To the →  
next clue

→ **3**

Previous Answer

**Horcrux  
hunt  
clue!**

### **Time-Turner**

If Harry uses the time-  
turner to take him from  
10am back to 8:30am,  
How many turns will he  
need

(1 hour = 1 turn)



To the →  
next clue



→ 1.5

Previous Answer

**Horcrux  
hunt  
clue!**

## Wands

How many wands will  
be in the next pattern  
(figure 4) ?



Figure 1



Figure 2

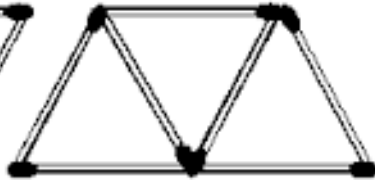


Figure 3



To the →  
next clue

→ **9**

Previous Answer

**Horcrux  
hunt  
clue!**

## **Wizard Money!**

There are 17 Sickles in  
a Galleon.

Ron has 34 Sickles,  
how many Galleons  
is this?



To the →  
next clue

→ **2**

Previous Answer

**Horcrux  
hunt  
clue!**

## **Magical Numbers**

A palindromic number, is  
a number that is the  
same number whether  
written forwards or  
backwards. Eg. 535 or  
222.

How many palindromic  
numbers are there  
between 100 and 150?



To the →  
next clue

→ **5**

Previous Answer

**Horcrux  
hunt  
clue!**

## **Flying Potion!** (for 5 people)

3 Dragon eyelashes  
2 teaspoons of unicorn blood  
8 feathers

How many feathers will  
Harry need to make the  
potion for 20 people?



To the →  
next clue

→ **32**

Previous Answer

**Horcrux  
hunt  
clue!**

## **Herbology**

30 young Wizards and Witches  
take Herbology in their first  
year.

2/3 of the class have bought  
the correct textbook.

How many students have not  
brought the correct textbook



To the →  
next clue

→ **10**

Previous Answer

**Horcrux  
hunt  
clue!**

## **More Quills**

As she is working hard, Hermione finds a spell that multiplies all of her quills by 700. She completes the spell and ends up with 13,300 quills?

How many quills did she start with?



To the →  
next clue

→ **19**

Previous Answer

**Horcrux  
hunt  
clue!**

## **Quidditch**

A game of quidditch between Ravenclaw and Hufflepuff is currently halfway through!

The scoreboard says:  
Ravenclaw 90 points  
Hufflepuff 170 points.

How many more goals have hufflepuff scored than Ravenclaw?

Hint: A goal is worth 10 points in a game of Quidditch.



To the →  
next clue

→ **8**

Previous Answer

**Horcrux  
hunt  
clue!**

## **Winning the cup!**

So far the scores for the house cup are as follows:

Ravenclaw: 670 points

Slytherin 470 points

Hufflepuff 863 points

Gryffindor 426 points

If Gryffindor gain 92 more points for bravery, how many more points will they have than Slytherin?



To the →  
next clue

→ **48**

Previous Answer

**Horcrux  
hunt  
clue!**

## **Super Speed Potion**

(for 8 people)

7 Cheetah's Spots

4 wings of a golden snitch

10 Spoons of a tidal wave

How many cheetahs spots will Ron need to make enough for 40 people?



To the →  
next clue

→ **35**

Previous Answer

**Horcrux  
hunt  
clue!**

## **Sorting Hat!**

There are 184 new first years  
to be sorted equally into the  
four houses.

How many will be in each  
house?



To the →  
next clue

