



Harry Potter



Name: _____

Lesson 1



How many ways can you think of?

Be creative!

1)	2)
3)	4)
5)	6)
7)	8)
9)	10)
11)	12)
13)	14)
15)	16)

I thought of _____ ways to write this number differently!



There are 17 Knuts in a Sickle, and 29 sickles in a Galleon.

Q How many Knuts are there in a Galleon?

Use the box below for calculations.

1 Galleon = 29 Sickles

1 Galleon = ___ Knuts

1 Sickle = 17 Knuts

Who has the most money in their vault?

How many Vaults can you calculate? Show your calculations in the boxes provided.

(Level: O.W.L.)

<p><i>The Weasley's Vault</i></p> <p><i>Total Contents:</i> <i>3 Sickles</i></p> <p><i>Knuts =</i></p>	<p>Working out box:</p>
<p><i>The Lovegood's Vault</i></p> <p><i>Total Contents:</i> <i>18 Sickles</i></p> <p><i>Knuts =</i></p>	

<p><i>Hagrid's Vault</i></p> <p><i>Total Contents:</i> 82 Sickles</p> <p><i>Knuts =</i></p>	
<p><i>Lupin's Vault</i></p> <p><i>Total Contents:</i> 624 Sickles</p> <p><i>Knuts =</i></p>	
<p><i>Sirius Black's Vault</i></p> <p><i>Total Contents:</i> 100 Sickles and 50 Knuts</p> <p><i>Knuts =</i></p>	
<p><i>The Diggory's Vault</i></p> <p><i>Total Contents:</i> 15 Galleons</p> <p><i>Knuts =</i></p>	
<p><i>The Malfoy's Vault</i></p> <p><i>Total Contents:</i> 4 Galleons and 20 Knuts</p> <p><i>Knuts =</i></p>	

(Level: N.E.W.T)

<p><i>Rita Skeeta's Vault</i></p> <p><i>Total Contents: 8 Galleons 8 Sickles</i></p> <p><i>Knuts =</i></p>	
<p><i>Cornelius Fudge's Vault</i></p> <p><i>Total Contents: 16 Galleons and 5 Sickles</i></p> <p><i>Knuts =</i></p>	
<p><i>Lockhart's Vault</i></p> <p><i>Total Contents: 6234 Galleons</i></p> <p><i>Knuts =</i></p>	
<p><i>Olivander's Vault</i></p> <p><i>Total Contents: 82 Galleons, 47 Sickles and 1 Knut</i></p> <p><i>Knuts =</i></p>	
<p><i>Bellatrix's Vault</i></p> <p><i>Total Contents: 92 Galleons, 572 Sickles and 206 Knuts</i></p> <p><i>Knuts =</i></p>	

Triwizard Challenge:

1 Galleon = 29 Sickles

1 Galleon = 493 Knuts

1 Sickle = 17 knuts

**Can you convert all the Knuts in
Snape and Dumbledore's Vaults into
Galleons and Sickles?**

<p><i>Snape's Vault</i></p> <p><i>Total Contents: (in Knuts)</i></p> <p>4404 Knuts</p> <p>Galleons = Sickles = Knuts =</p>	
<p><i>Dumbledore's Vault</i></p> <p>8095 Knuts</p> <p><i>Total Contents: (in Knuts)</i></p> <p>Galleons = Sickles = Knuts =</p>	

Triwizard Challenge

2:

Table: Estimation of Wizarding Currency into Muggle Money

	1 Galleon	1 Sickle	1 Knut
Pound Sterling GBP	£4.93	£0.29	£0.01
U.S. Dollar USD	\$7.35	\$0.46	\$0.02
Euro EUR	€5.90	€0.34	€0.01
Japanese Yen JPY	¥653.66	¥37.91	¥1.31
Swiss Franc CHF	7.75 Fr.	0.45 Fr.	0.02 Fr.
Australian Dollar AUD	\$7.96	\$0.46	\$0.02
Canadian Dollar CAD	\$7.82	\$0.45	\$0.02
Danish Kroner DKK	43.94 kr.	2.55 kr.	0.09 kr.
South African Rand ZAR	R 54.01	R 3.13	R 0.11
Indian Rupee INR	Rs. 354.67	Rs. 20.57	Rs. 0.71
Hong Kong Dollar HKD	\$60.64	\$3.52	\$0.12
Philippine Peso PHP	₱342.24	₱19.85	₱0.68
Thai Baht THB	฿245.36	฿14.43	฿0.49
Swedish Krona SEK	53.81 kr	3.12 kr	0.11 kr
Serbian Dinar RSD	631.25 RSD	36.61 RSD	1.26 RSD
Argentine Peso ARS	\$25.34	\$1.49	\$0.03

Room for working out:

UAE ? ? 0.06

- What is 3 Galleons in pounds sterling?
- What is 20 Sickles in Danish Kroner?
- What is 42 Knuts in Swiss Francs?
- **If you have 200 Galleons and all currencies have 10 unit denomination notes, which would give you the most notes?**

Lesson 2

The teacher I am meeting today is

Can you order the times shortest to longest?



Task 1:

One turn on the Time-Turner moves her forward or back 1 hour, but she has lost her watch! Can you work out what time she is on?



10:15am	Forward 1 ½ hours	<input type="text"/>
2:20pm	Forward 2 ¼ hours	<input type="text"/>
11:32am	Forward 2 ½ hours	<input type="text"/>



<input type="text"/>	Backward 4 hours	6:00pm
<input type="text"/>	Backward 2 ½ hours	3:35pm
<input type="text"/>	Backward ¾ hour	8:10pm

Help Harry!



Task 2:

Harry is borrowing the Time-Turner, he isn't as good as Hermione at using it, so you will need to help him!

He has to complete all the activities listed so will need to go back in time a lot!

Activities Harry has to complete today:

Some things are held at a certain time, the activities that don't have a specific time you need to choose when they should take place

<i>Activity</i>	<i>Duration</i>	<i>Time Scheduled</i>
<i>Quidditch Practice</i>	<i>1 ½ hours</i>	<i>9am</i>
<i>Potions Lesson</i>	<i>1 hour</i>	<i>10am</i>
<i>Herbology Lesson</i>	<i>¾ hour</i>	<i>10:30am</i>
<i>Visiting Hedwig</i>	<i>¼ hour</i>	
<i>Charms Lesson</i>	<i>1 ¼ hours</i>	<i>2pm</i>
<i>Breakfast</i>	<i>45 minutes</i>	
<i>Lunch</i>	<i>45 minutes</i>	
<i>Dinner</i>	<i>1 hour</i>	
<i>Detention</i>	<i>¾ hour</i>	<i>7pm</i>
<i>Quidditch Match</i>	<i>2 hours</i>	<i>3pm</i>
<i>Visiting Hagrid</i>	<i>1.5 hours</i>	
<i>Washing</i>	<i>30 minutes</i>	
<i>Homework</i>	<i>1 ¼ hours</i>	
<i>Transfiguration Lesson</i>	<i>1 hour</i>	<i>4pm</i>
<i>Muggle Studies Lesson</i>	<i>1 ½ hours</i>	<i>11am</i>
<i>Astronomy Lesson</i>	<i>45 minutes</i>	<i>3pm</i>
<i>Reading the Quibbler</i>	<i>20 minutes</i>	
<i>Playing chess with Ron</i>	<i>1 ¾ hours</i>	

Harry gets up at 8am - Plan Harry's day carefully!

Time	Activity	Time-Turner?
<i>8am -</i>		

Trivizard Challenge

Can you now work out how many full turns the Time-Turner will make throughout the day if 1 full turn is an hour?

(Level N.E.W.T)

What if the Time-Turner only turned back 40 minutes in a full turn. What would be the total number of turns needed for your day now?

Lesson 3

The teacher I am meeting today is

**Welcome to
Potions!**

Can you complete the table? Show any working below.

Shrinking Potion

Ingredient	For 10 people	For 1 person	For 30 people
Daisy roots			
Shrivelfig			
Caterpillar			
Rat spleen			
Leech Juice			

Space for my working:

Q: If Ron only has 20 daisy roots, how many people can he make the potion for?

Wit-Sharpening Potion

Ingredient	For 5 people	For 30 people	For 1 person (use fractions or decimals)
Scaraeb Beetles			
Armadilo			
Ginger root			
Knotgrass			

(Level N.E.W.T)

Ingredient	For 100 people	For 3 people	For 9 people
Scaraeb Beetles			
Armadilo			
Ginger root			
Knotgrass			

(Level N.E.W.T)

Triwizard Challenge

Once you have designed your potion. Estimate in g and Kg each of your ingredients. Using these, can you work out the amount of each ingredient in your recipe as a fraction, decimal and percentage of the whole Potion?

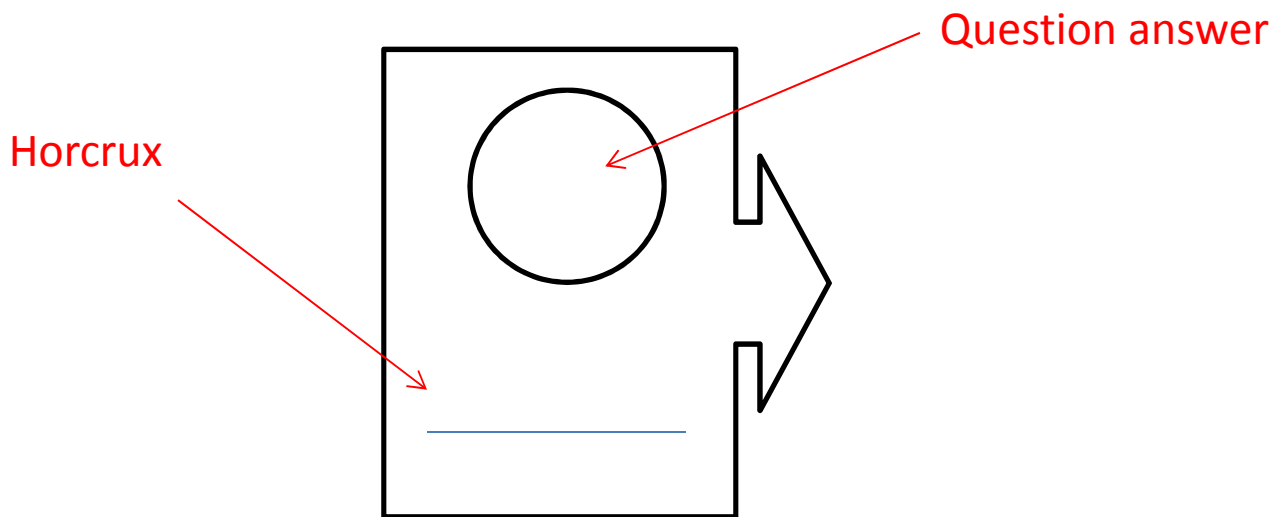
Ingredient	Fraction	Decimal	Percentage

Original Idea for this potions lesson, along with the powerpoint that has been adapted came from a TES resource submitted by Amanda Goddard. <https://www.tes.com/teaching-resource/harry-potter-s-potions-a-ratio-lesson-powerpoint-6012867> - Thank you Amanda!

Lesson 4

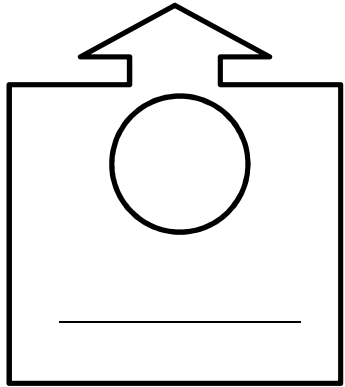
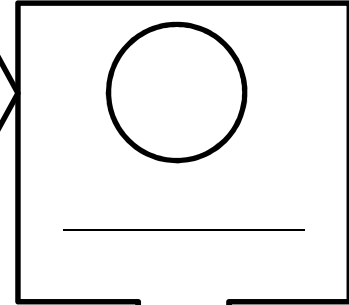
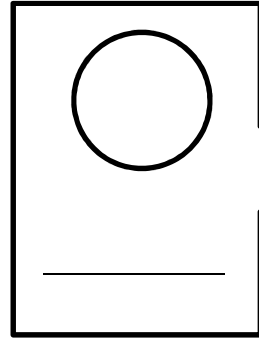
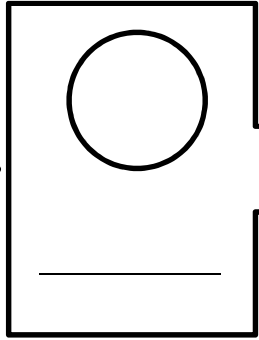
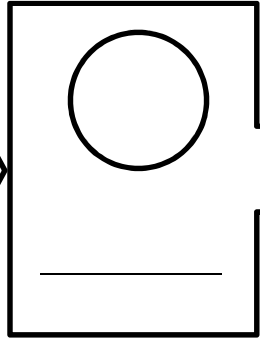
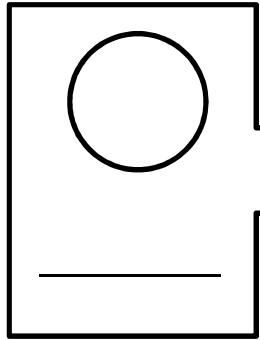
The teacher I am meeting today is

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 mini whiteboard for working out!

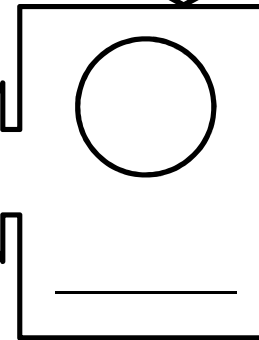
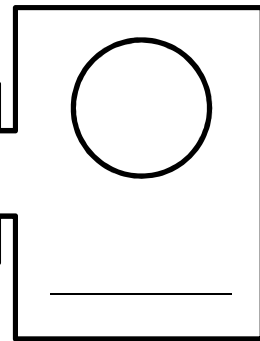
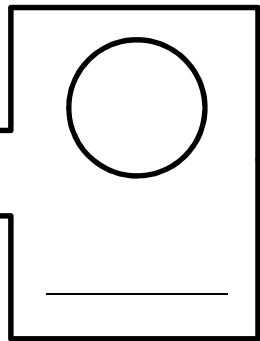
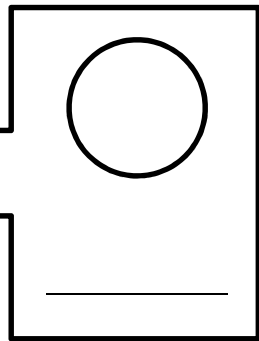
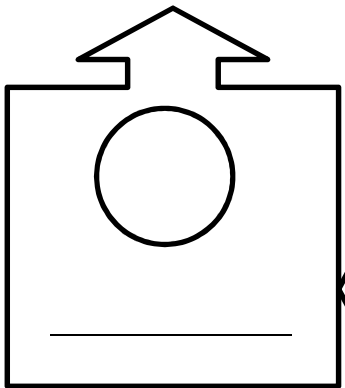
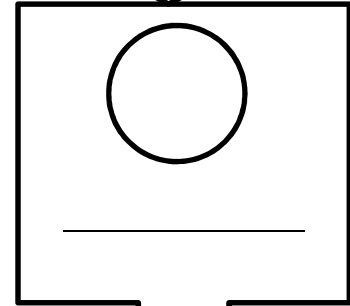
Please act sensibly around the rooms and corridors, the Horcruxes are only hidden in the Maths rooms – your teacher will tell you where these are.



Horcrux Hunt

Answer Sheet

Name: _____



Notes/Extra working out space

Notes/Extra working out space