

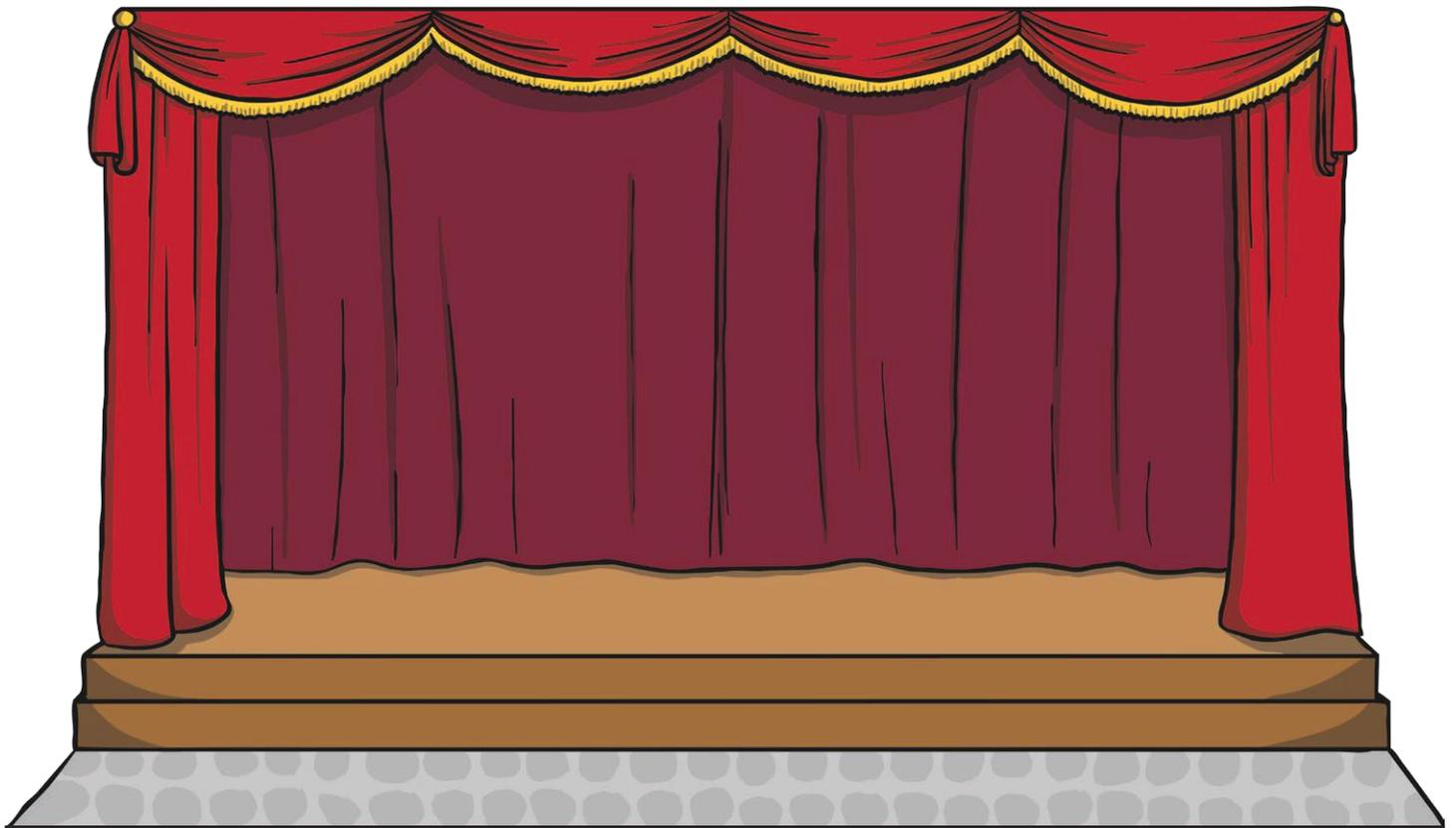
# The Mystery of the School Play

The pupils of Emmaville Primary School have been practising their end-of-term play. They have all learnt their lines, prepared their costumes and their parents are excitedly gathering in the hall for the opening night of Aladdin!

The children are giggling offstage and the entrance music begins to play. However, disaster has struck – somebody has hidden all of the props! The magic carpet has vanished. The treasure chest, which the children have spent weeks painting jewels for, has gone. Worst of all, the magic lamp where the genie lives is nowhere to be seen!

Who would commit such a dreadful crime?

Your job is to use the descriptions of the suspects and solve the maths clues, to find out who the mystery prop thief is!



## Description of suspects

Name	Male or Female	Year Group	Favourite Biscuit	Height	Hair Colour
Amina	female	4	Crunch It	tall	light
Belle	female	3	Double Trouble	tall	dark
Corey	male	4	Choco Feast	short	light
Destiny	female	4	Crumblies	short	light
Elias	male	3	Crunch It	tall	dark
Fathi	male	3	Crumblies	short	light
Gabriella	female	3	Crumblies	tall	dark
Halim	male	4	Crunch It	short	dark
Ivaana	female	3	Choco Feast	short	dark
Tina	female	4	Double Trouble	short	dark
Klaudia	female	4	Crumblies	short	light
Lucas	male	3	Choco Feast	tall	light
Mischa	female	4	Choco Feast	short	light
Nico	male	4	Crunch It	short	light
Ola	female	3	Choco Feast	short	dark
Pippa	female	4	Double Trouble	tall	dark
Quinn	male	4	Crunch It	short	light
Ruby	female	3	Double Trouble	short	dark
Samir	male	4	Crunch It	tall	light
Turken	female	4	Choco Feast	short	dark

## Clue 1: One More, One Less

Complete the empty boxes by writing in the number that is one more or one less. Then, find the numbers in the boxes below and circle their matching words. Rearrange the words to make a sentence and solve the first clue!

1 more than 19

1 less than 32

1 less than 7

1 more than 25

1 more than 15

1 more than 28

1 less than 30

1 more than 40

16 prop	33 three	41 thief	26 was
14 light	20 the	24 tall	8 female
6 year	29 naughty	29 four	31 from

Answer for clue 1: \_\_\_\_\_

## Clue 2: Equal Amounts

Draw a line to match the coins in the bags with the coins of the same value on the opposite side. Then, rearrange the words in these boxes to make a sentence to solve the second clue!

<p>female</p> 	<p>thief</p> 	<p>male</p> 	<p>the</p> 
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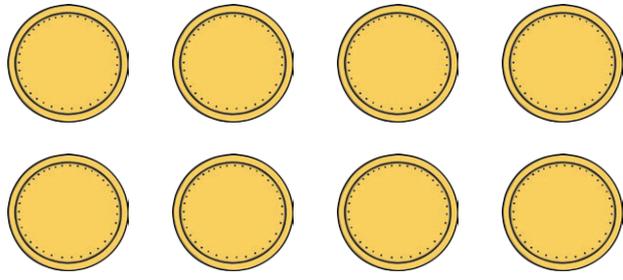
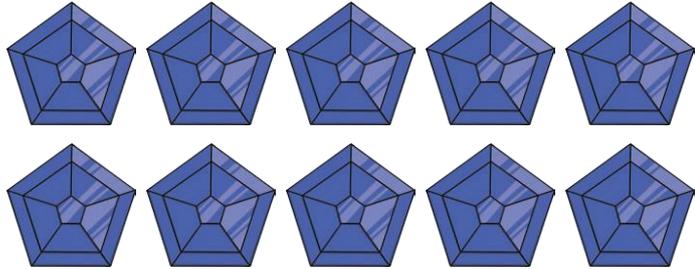
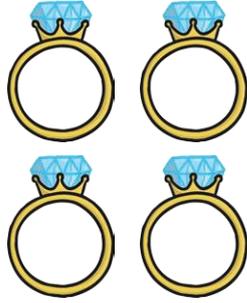


<p>was</p> 	<p>tall</p> 	<p>prop</p> 	<p>short</p> 
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Answer to clue 2: \_\_\_\_\_

### Clue 3: A Cave of Treasures

Here are some of the objects you might see in Aladdin's cave. Work out the fraction answers. Then, colour the answers in the table below. Rearrange the words to solve the third clue!

 <p>How much is <math>\frac{1}{2}</math> of the lamps?</p> <p style="text-align: center;">2      4      3</p>	 <p>How much is <math>\frac{1}{4}</math> of the gold coins?</p> <p style="text-align: center;">3      2      4</p>
 <p>How much is <math>\frac{1}{2}</math> of the jewels?</p> <p style="text-align: center;">10      5      6</p>	 <p>How much is <math>\frac{1}{4}</math> of the rings?</p> <p style="text-align: center;">4      2      1</p>

10 not	6 tall	5 thief
9 dark	2 is	0 found
3 the	4 light	1 short

Answer to clue 3: \_\_\_\_\_

## Clue 4: Today's the Day

Princess Jasmine has been thinking about the days of the week.

See if she is right or wrong.

Tick if she is right or put a cross if she is wrong.

	Right	Wrong
If today is Thursday, then tomorrow will be Friday.		
If yesterday was Monday, today must be Wednesday.		
If it is Friday in two days' time, today must be Tuesday.		
If tomorrow is Tuesday, the day after tomorrow must be Wednesday.		
Sunday is two days after Thursday.		
Thursday is three days after Monday.		
Friday is the day before Saturday.		

If Jasmine has got more right, the thief has light hair.

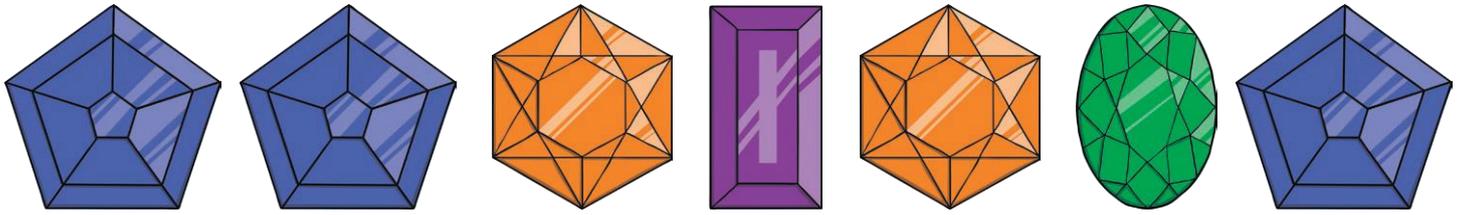
If Jasmine has got more wrong, the thief has dark hair.

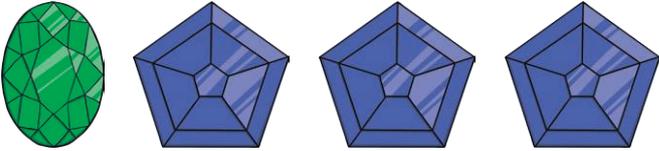
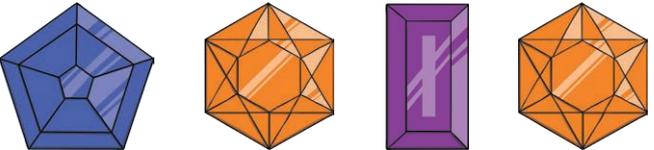
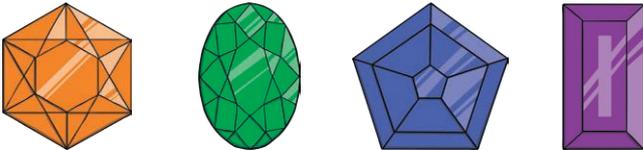
Answer to clue 4: The thief has got \_\_\_\_\_ hair.

## Clue 5: Patterns of Jewels

Here is a pattern of jewels on a necklace.

What will the **next four** jewels be, if the pattern continued?



<b>A</b> 	<b>B</b> 
<b>C</b> 	<b>D</b> 

If you chose pattern A, then the thief's favourite biscuits are Double Trouble.

If you chose pattern B, then the thief's favourite biscuits are Crumblies.

If you chose pattern C, then the thief's favourite biscuits are Choco Feasts.

If you chose pattern D, then the thief's favourite biscuits are Crunch It.

Answer to clue 5: \_\_\_\_\_

Have you solved the mystery of who is the prop thief at Summerville Primary School?

The prop thief is \_\_\_\_\_.

# Clue 1: One More, One Less

## Answers

<b>16</b> <b>prop</b>	<b>33</b> three	<b>41</b> <b>thief</b>	<b>26</b> <b>was</b>
<b>14</b> light	<b>20</b> <b>the</b>	<b>24</b> tall	<b>8</b> female
<b>6</b> <b>year</b>	<b>29</b> <b>naughty</b>	<b>29</b> <b>four</b>	<b>31</b> <b>from</b>

**Answer to clue 1: The naughty prop thief was from year four.**

## Clue 2: Equal Amounts **Answers**

<p>female</p> 	<p>thief</p> 	<p>male</p> 	<p>the</p> 	
				
<p>was</p> 	<p>tall</p> 	<p>prop</p> 	<p>short</p> 	

**Answer to clue 2: The prop thief was female.**

### Clue 3: A Cave of Treasures **Answers**

10 not	6 tall	5 <b>thief</b>
9 dark	2 <b>is</b>	0 found
3 <b>the</b>	4 light	1 <b>short</b>

**Answer to clue 3: The thief is short.**

### Clue 4: Today's the Day **Answers**

	<b>Right</b>	<b>Wrong</b>
If today is Thursday, then tomorrow will be Friday.	✓	
If yesterday was Monday, today must be Wednesday.		✓
If it is Friday in two days' time, today must be Tuesday.		✓
If tomorrow is Tuesday, the day after tomorrow must be Wednesday.	✓	
Sunday is two days after Thursday.		✓
Thursday is three days after Monday.	✓	
Friday is the day before Saturday.	✓	

**Answer to clue 4: The thief has got light hair.**

## Clue 5: A Pattern of Jewels **Answers**

Pattern C; the thief's favourite biscuits are **Choco Feasts**.

The prop thief of Summerville Primary School is **Mischa**.