

Name:

Date:

## **Sleeping Beauty Maths Challenge**



The characters in this story had to solve some tricky maths problems during their adventures. Could you have helped them? Read the questions in this booklet and see if you can work out how to solve the problems.

There's lots of space on each page for you to make jottings and draw pictures to help you.

Can you help Sleeping Beauty to solve these tricky problems?



## Practice question

Write the total.

$$15 - 10 =$$

- 
1. Draw a (X) on the three numbers that are **not even**.

27

8

31

20

16

6

15

2

The king and queen invited **50** guests to the grand feast.

**12** guests could not come.



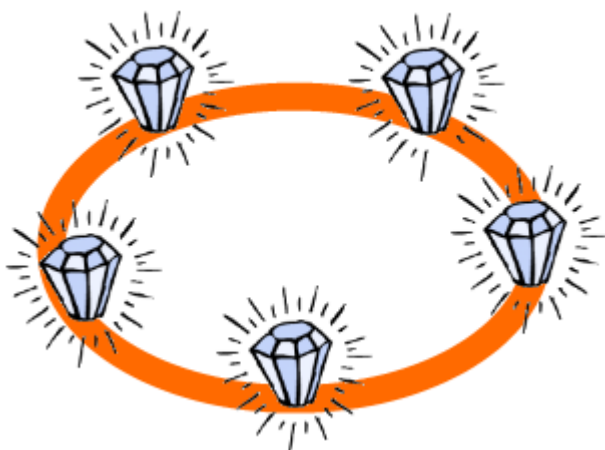
**2.** How many guests came to the grand feast?

guests

Sleeping beauty was given **6** bracelets by the guests at the grand feast.

Each bracelet had **5** diamonds.

**3.** What was the **total** number of **diamonds**?



diamonds

This fairy needs your help!



Look at these cards.

1

4

3

6

5

4. Use one card each time to make these correct.

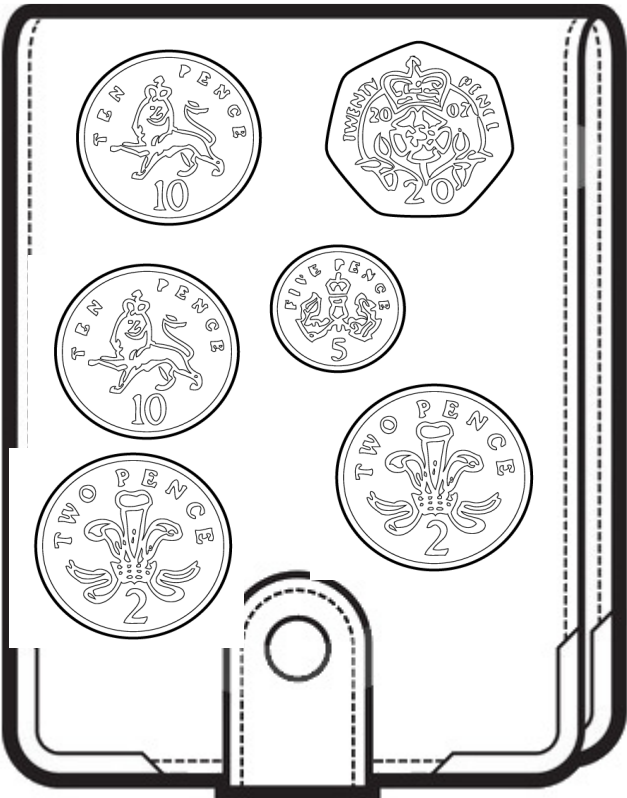
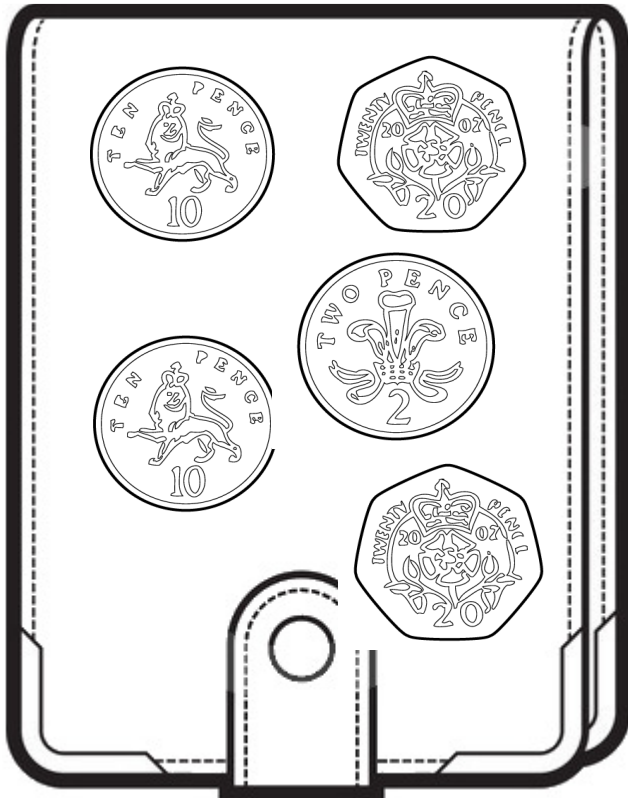
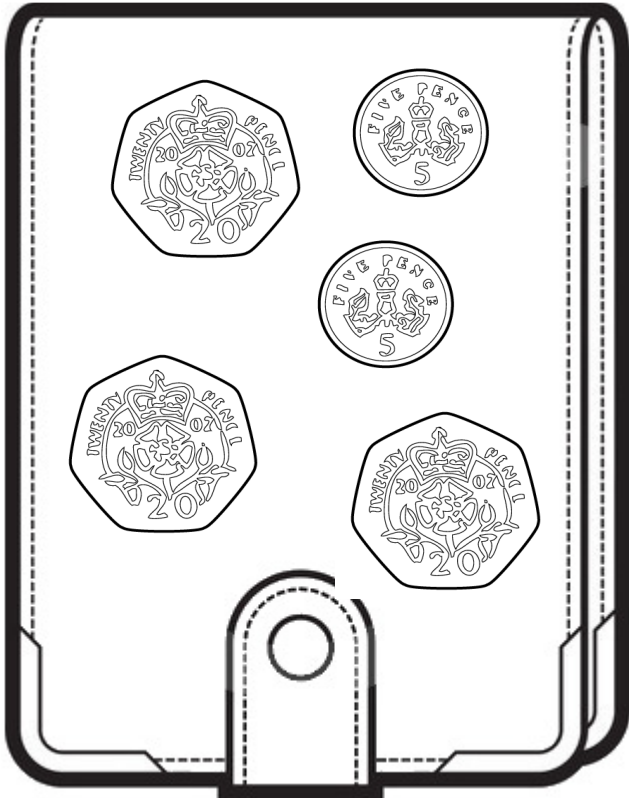
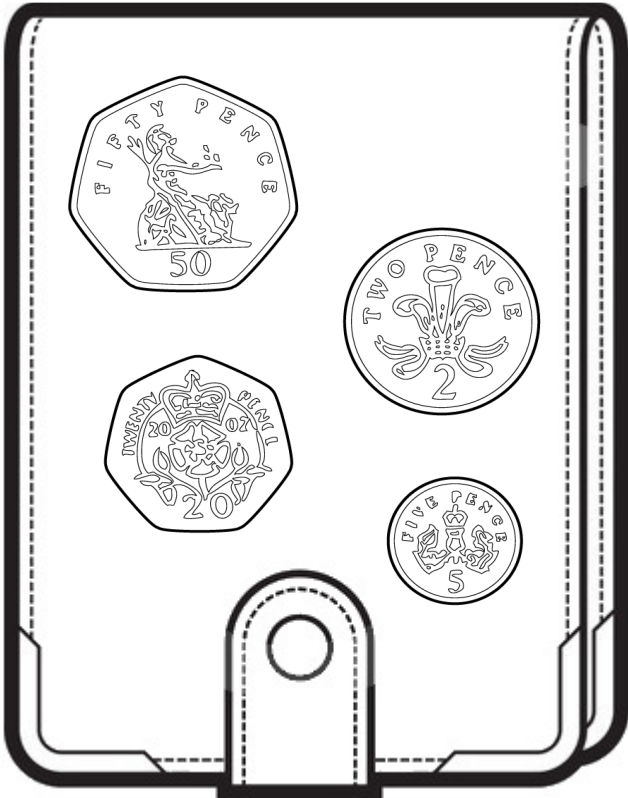
$$6 + \boxed{\phantom{00}} = 10$$

$$10 - \boxed{\phantom{00}} = 4$$

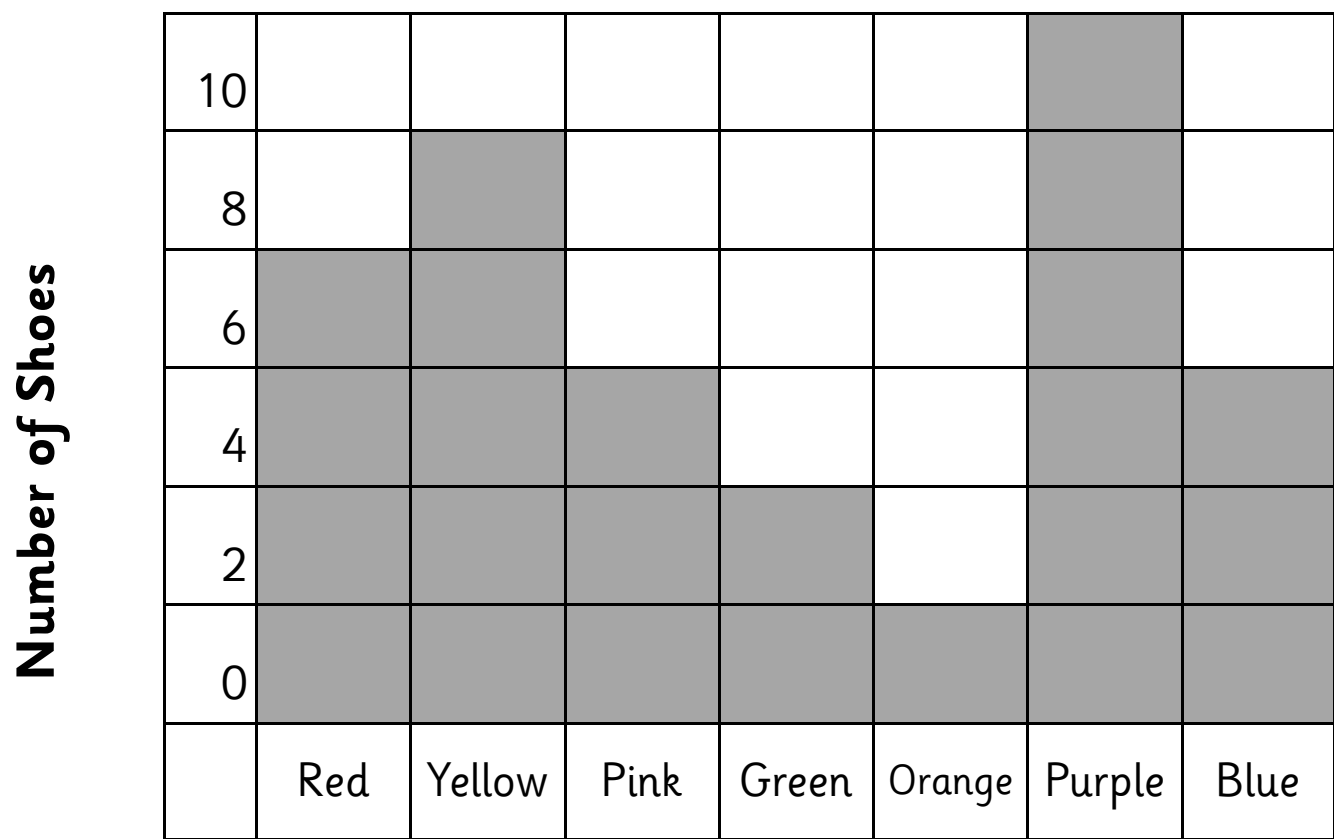
The prince has **49p** in his wallet.



5. Tick the wallet that belongs to the prince.



Here is a graph showing the colours of Sleeping Beauty’s shoes.



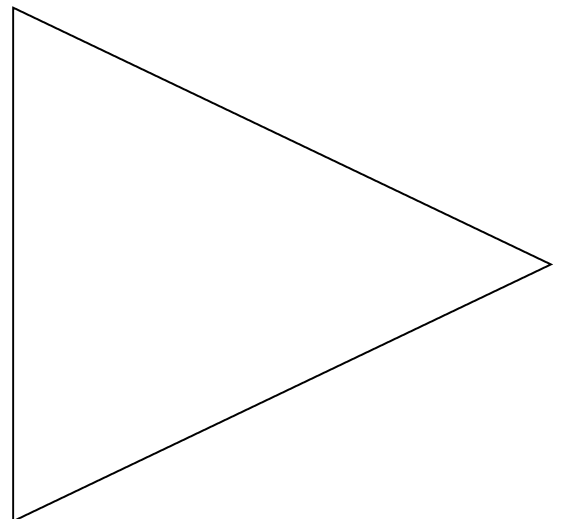
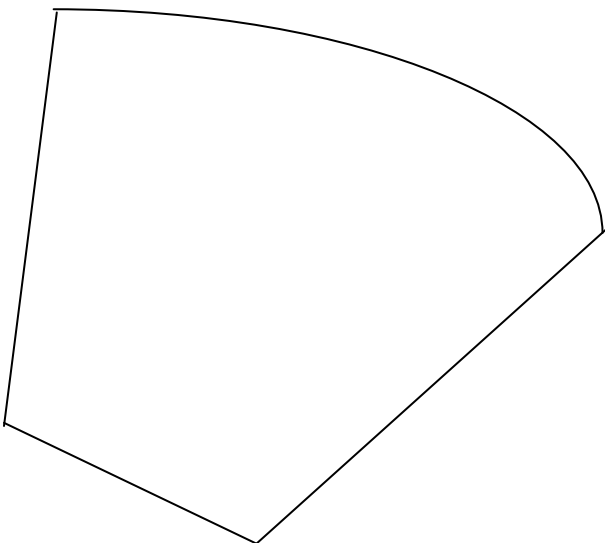
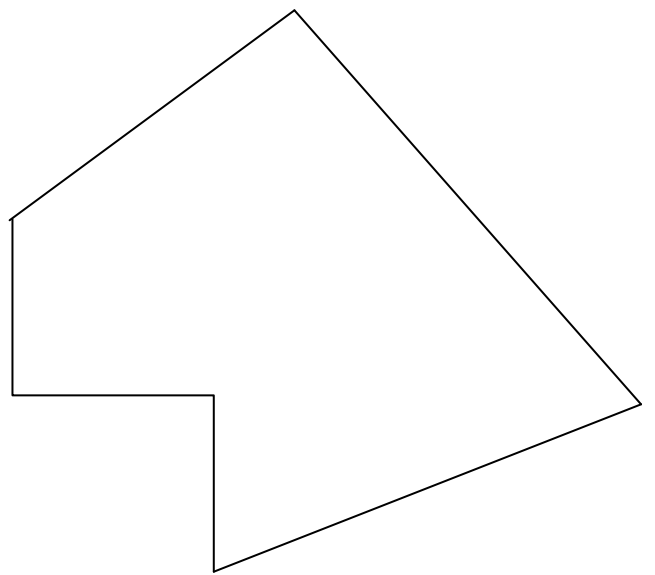
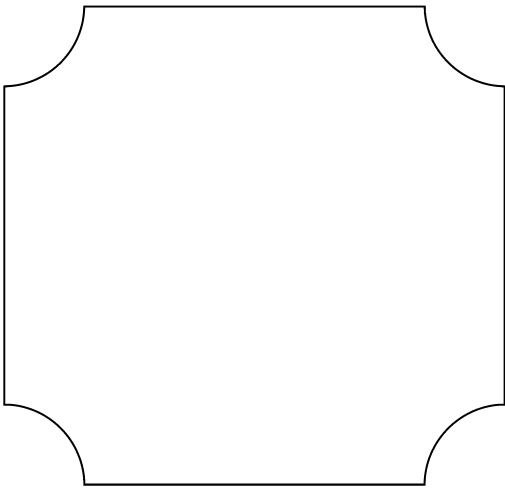
6. Which colour is the **least popular** shoe colour?

7. How many shoes does Sleeping Beauty have altogether?

There are the shapes of some of the rooms in the royal palace.  
Two of these rooms have no lines of symmetry.

**8.** Draw a cross (x) on them.

You may use a mirror.



Sleeping Beauty is making 3 - digit numbers using these cards. Can you help her?

6

1

5

9. Write all the other 3 – digit numbers she can make.

6	1	5			



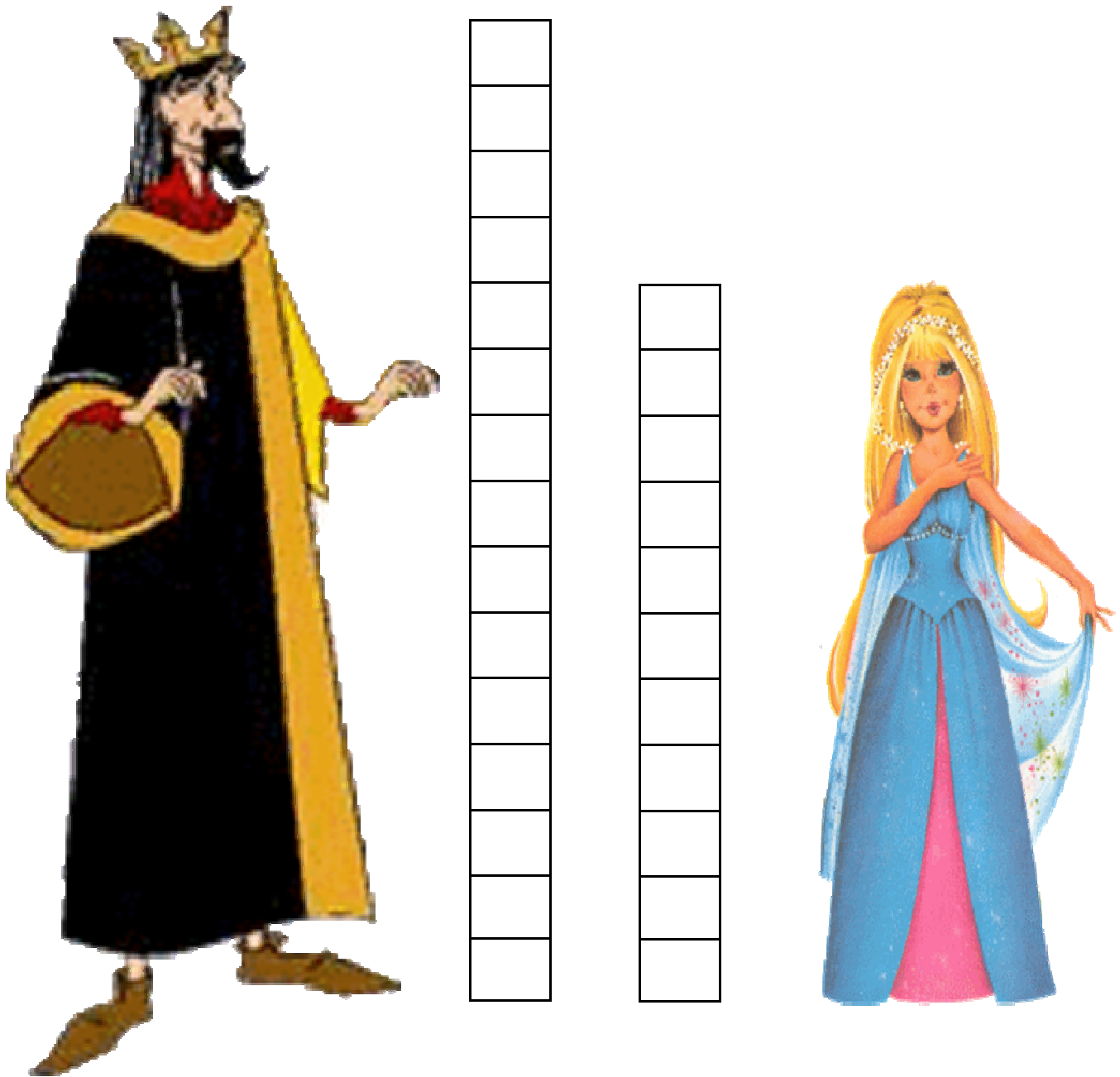
This is a map of the street were some of the fairies in Fairyland live.



**Tinkerbelle starts here**

**10.** Tinkerbelle's house is **3rd** on the **right**.

Tick (✓) it.

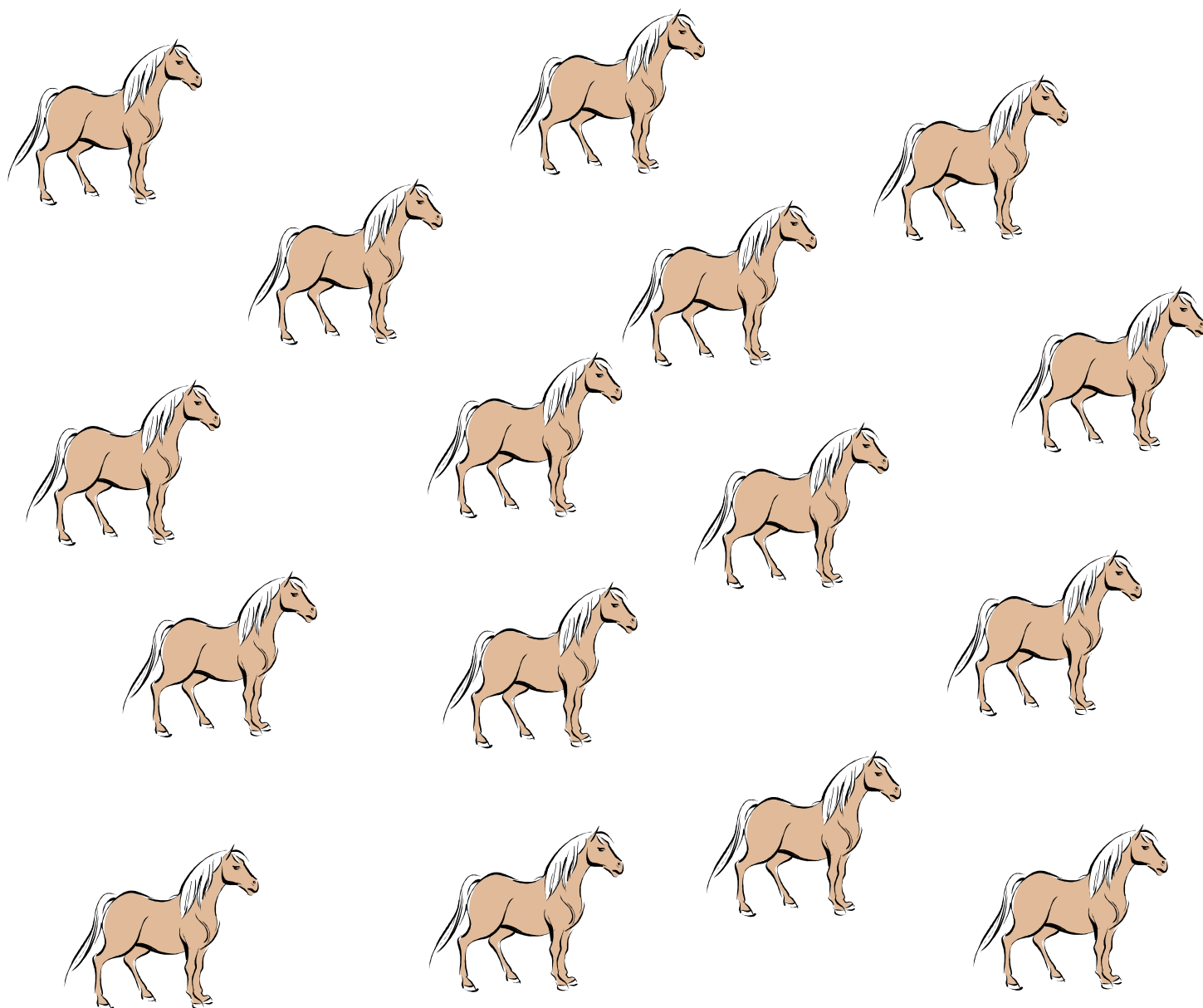


The queen measured the height of the king and Sleeping Beauty in blocks.

11. How many blocks **taller** is the king?

blocks

The prince owns **16** horses.



**12. Half** of the horses run away.

How many horses are left?

horses

Sleeping Beauty left the palace at **half past 8** to go for a walk in the forest.



She came back **2 hours** later.

**13.** Draw a ring around the time Sleeping Beauty came back.

**9 : 30**

**9 : 45**

**10 : 30**

**10 : 00**

**10 : 15**

14. Sleeping Beauty is stuck. Can you help her write **3** of these numbers in the empty boxes?

The numbers in the boxes must be in order.



799

969

178

384

545

largest

760

150

smallest

The four good fairies are playing a game of cards.  
To play the game each fairy needs **4** cards.

15. How many cards do they need altogether?

cards

The prince must find two letters that are made of curved **and** straight lines. Can you help?

**16.** Draw a ring around each of the **two** letters that are made with curved **and** straight lines.

O      G      M      B      C

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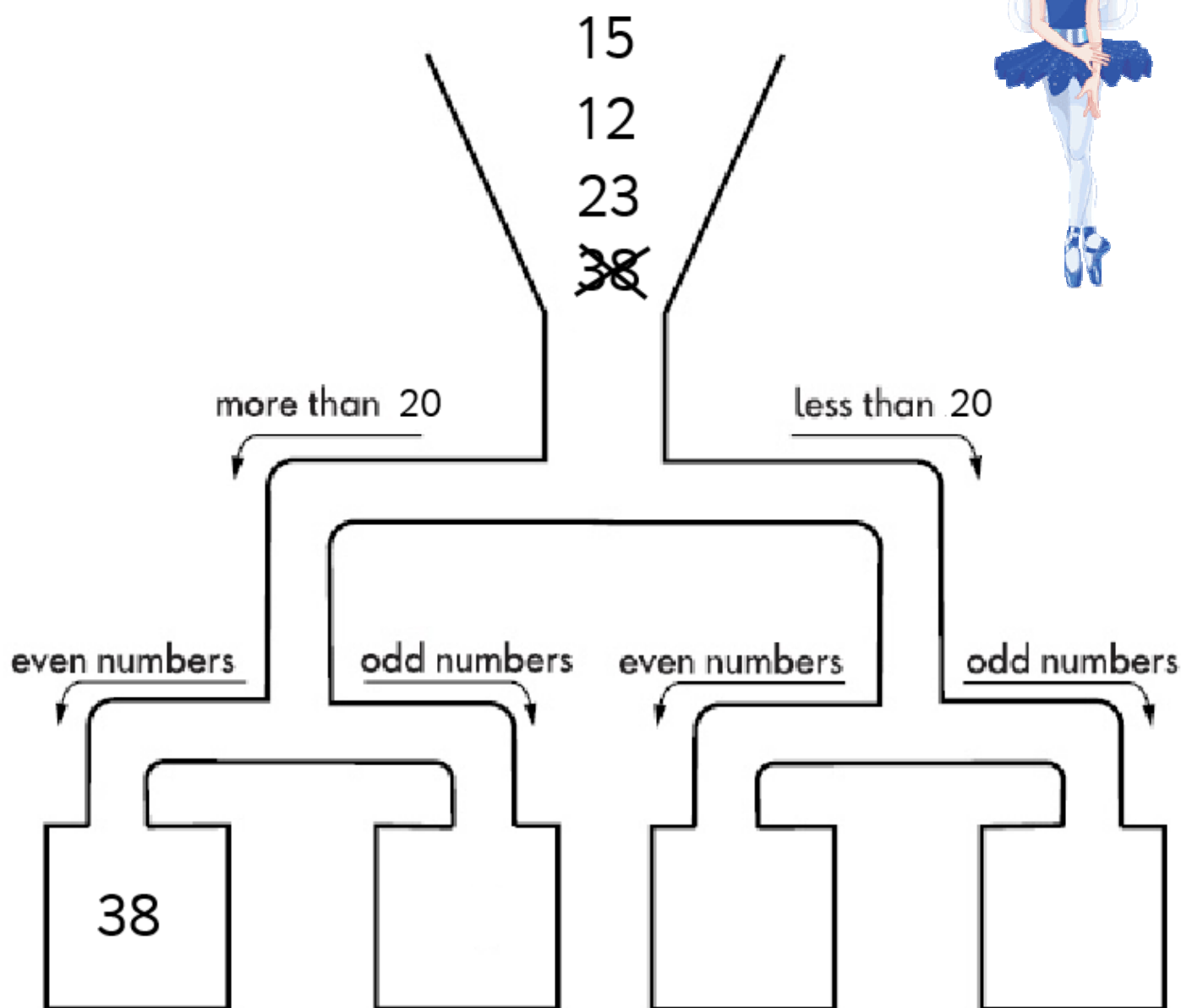
**17.** Can you help the prince to write the missing number in each box?

29  $\xrightarrow{\text{is 1 less than}}$

29  $\xrightarrow{\text{is 10 less than}}$

Here is a sorting diagram.

Bluebell has sorted the number **38**.



**18.** Can you help her to sort the numbers **15**, **23** and **12**.

Write them in the correct boxes on the diagram.

**19.** Can you show the prince the way back to palace by writing the missing numbers on the number grid?



	1	2	3	4	5	6	7	8	9
	11	12	13	14	15	16	17	18	19
	21	22	23	24	25	26	27	28	29
				34	35	36	37	38	39
40	41	42		44	45	46	47	48	49
50	51	52		54	55	56	57	58	59
60	61	62				66	67	68	69
70	71	72	73	74			77	78	79
80	81	82	83	84	85				89
90	91	92	93	94	95	96	97		

