



Chilly challenge

It is midwinter and the Guardians need to protect Mathematica against the Frost Giants. But their equipment is missing! How can they defeat the Orcs and Ice Trolls when their shields, cloaks and belts are missing?

Can you help the Guardians to find their armour and weapons?





Can you solve the maths puzzles and identify who has taken the Guardians' stuff? Use your answers to match to the correct letter.

Put those letters into the correct spaces to reveal the hidden message. The first one has been done for you.

You have been challenged by 5 Orcs, but 3 have run away.
How many Orcs are left in the battle?

2 = **O**

You should have 24 arrows, but only 6 remain.
What percentage of arrows do you have left?

= **T**

Your hexagonal shield has disappeared.
How many sides does a hexagon have?

= **E**

A Guardian's armour is made of 7 pieces.
How many pieces of armour would be needed for 8 Guardians?

= **A**

There are 13 Orcs for every 2 Ice Trolls.
How many Orcs would there be with 6 Trolls?

= **M**

The Ranger collects 16 coins for every 7 coins that you get.
If you have 21 coins, how many does the Ranger have?

= **H**

Your equipment has been missing for 72 hours.
How many days is that in total?

= **W**

You have been looking for your kit since 7.30pm. It's now 8.15pm.
For how many minutes have you been looking for your kit?

= **S**

The battle arena is 24 metres by 18 metres.
What is its perimeter?

= **N**

O

25

48

6

45

84

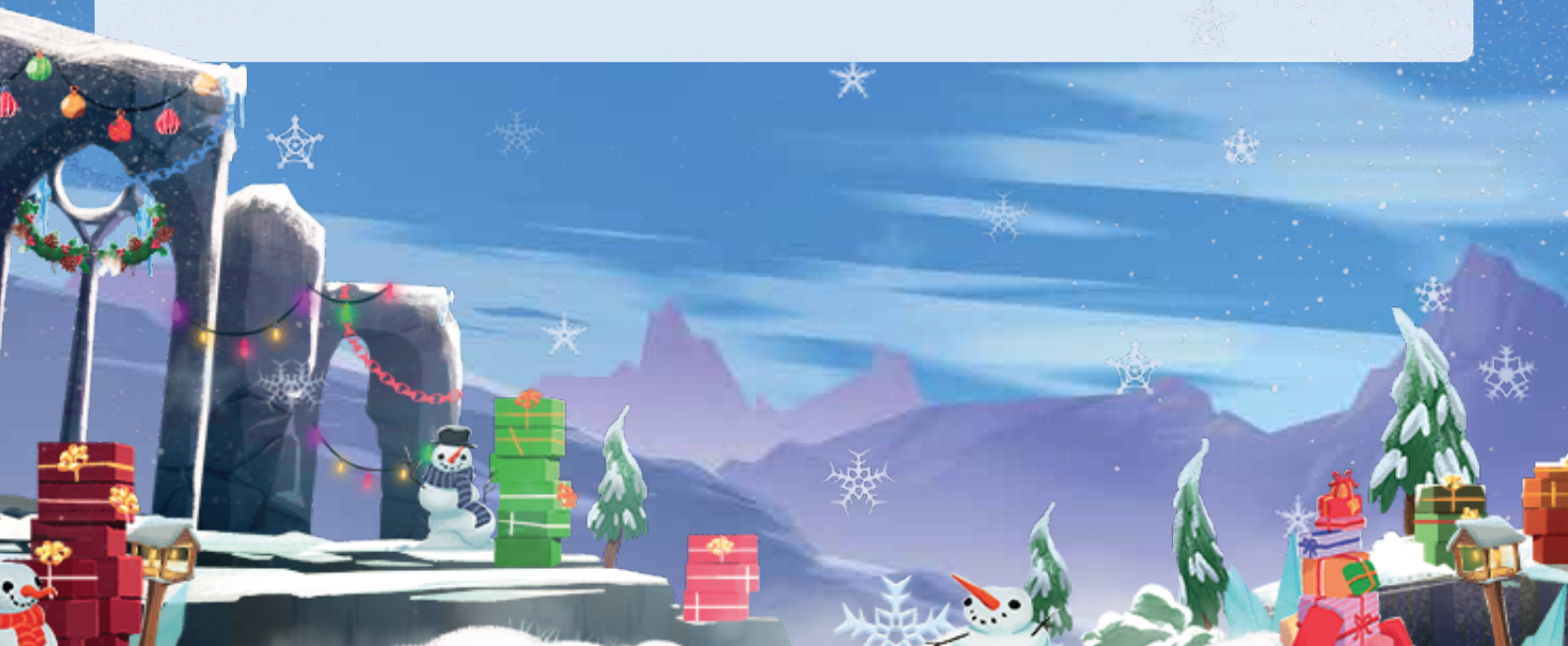
2

3

39

56

84





| T | H | E | S | N | O | W | M | A | N |
|----|----|---|----|----|---|---|----|----|----|
| 25 | 48 | 6 | 45 | 84 | 2 | 3 | 39 | 56 | 84 |

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