

DASHING THROUGH THE SNOW



A number of adults and children are ice skating at the White Rose ice rink.



$\frac{3}{8}$ of people ice skating are adults.

The rest are children.

There are 24 more children ice skating than adults.

How many people are ice skating in total?

Have a think



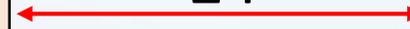
There are 24 more children ice skating than adults.



Adults



24



Children



?

Eva, Mo, Dexter and Dora are ski jumping.
Can you work out how far each person jumped?



Eva

I jumped $\frac{3}{4}$ of the length Dexter jumped.

Have a think



I jumped 36 metres less than Dexter.



Mo



Dexter

I jumped the equivalent of 6^3 in metres.



Dora

I jumped 5,300 cm further than Eva.



I jumped $\frac{3}{4}$ of the length Dexter jumped.

I jumped 36 metres less than Dexter.



Mo



I jumped the equivalent of 6^3 in metres.

Dexter

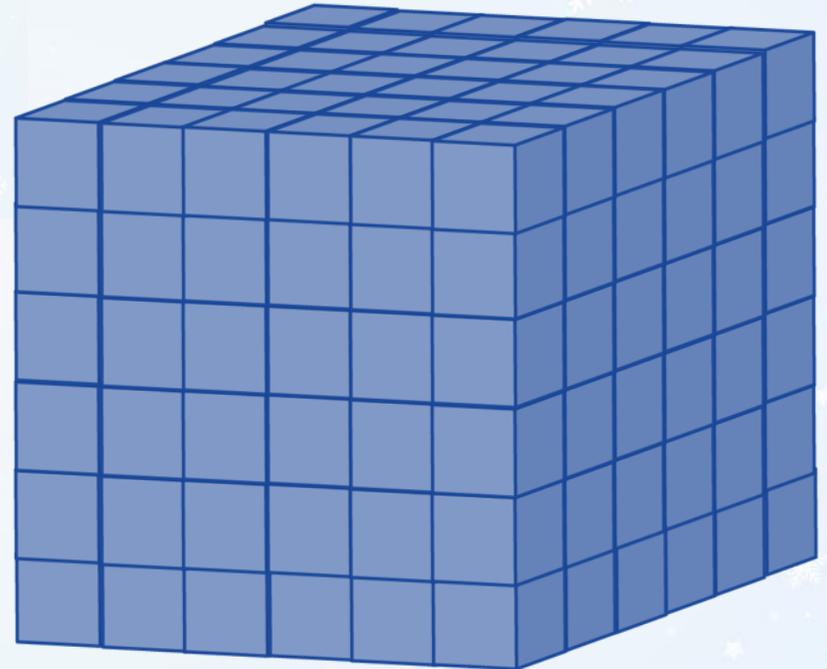
I jumped 5,300 cm further than Eva.



Dora

Dexter jumped 216 metres.

$$6 \times 6 \times 6 = ?$$



Dexter jumped ??? metres.



Eva

I jumped $\frac{3}{4}$ of the length Dexter jumped.

I jumped 36 metres less than Dexter.



Mo



Dexter

I jumped the equivalent of 6^3 in metres.

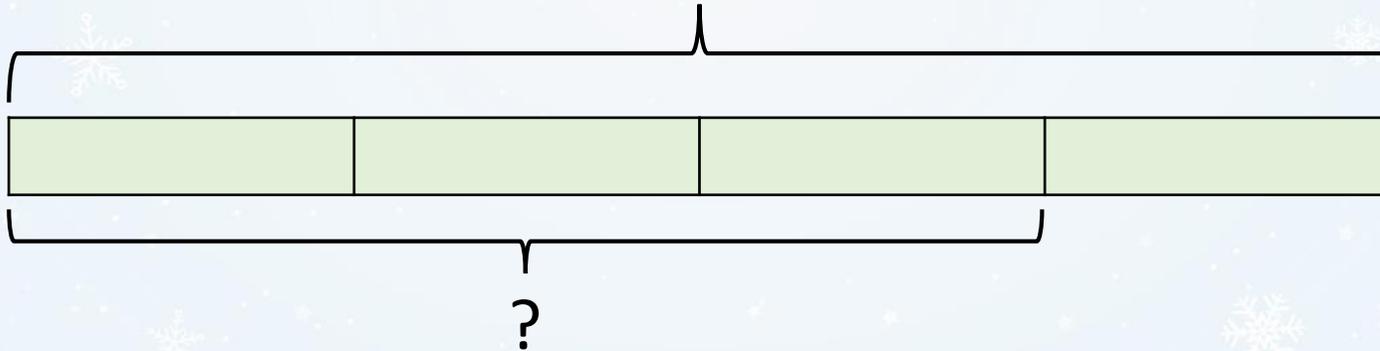
I jumped 5,300 cm further than Eva.



Dora

$$4 \overline{) \begin{array}{ccc} ? & ? & ? \end{array}}$$

216





Eva

I jumped $\frac{3}{4}$ of the length Dexter jumped.

I jumped 36 metres less than Dexter.



Mo



Dexter

I jumped the equivalent of 6^3 in metres.

I jumped 5,300 cm further than Eva.



Dora

Who jumped the furthest?
By how many metres?

What is the difference between the longest and shortest jump?

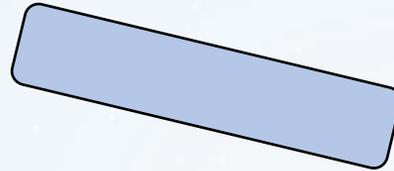
We have a late entry!
Annie's jump becomes the third longest jump.
What could the distance be?

On a winter school trip, children are allowed to choose 2 of the following activities to try.

Sledging



Snowboarding



Skiing



Tobogganing



How many different possible combinations are there?

Have a think

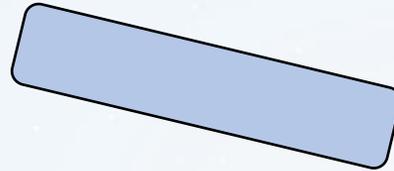


On a winter school trip, children are allowed to choose 2 of the following activities to try.

Sledging



Snowboarding



Skiing



Tobogganing



How many different possible combinations are there?

You could draw a table with the activities as the column headers.

Have a think



4 activities = ? combinations

5 activities = ? combinations

6 activities = ? combinations

7 activities = ? combinations

10 activities = ? combinations

20 activities = ? combinations