



The Castells Challenge

Maths
7+

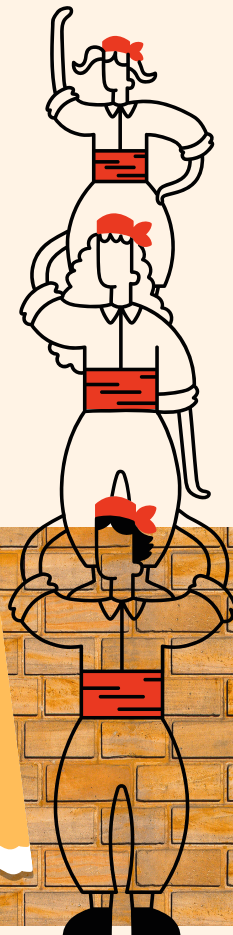
The Intrepid Explorers are on holiday in Spain! While visiting Barcelona, they see an amazing festival called the Festivals of the Castells. People are building giant human towers called castells—and the Explorers can't believe their eyes! Excited, they decide to join in and help build a 9-floor human tower.

The bottom floor has 10 people holding it up, and each of the 8 floors above has 3 people.

How many people are in the whole pyramid?



Write your answer:



Did you know?

In November 2023, Catalinians set the world **record** for the largest castell stands at **9 storeys**, measuring around 40ft (12.2 metres) in height!

Answer: 34



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The first five floors are made up of adults, each about 1.8 metres tall.

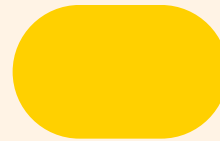
The next two floors are adults around 1.6 metres. The eighth floor has kids who are about 1.5 metres. And the top floor is made up of children about 1.3 metres tall.

Can you figure out how tall the entire tower is?



1.3 metres tall

x =



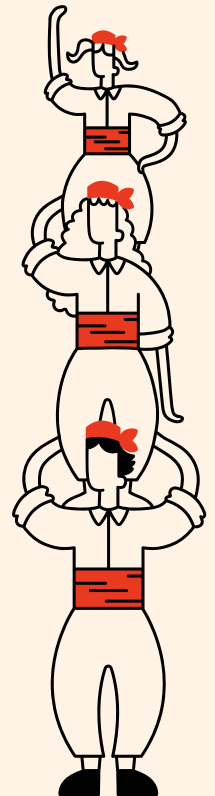
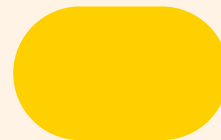
1.6 metres tall

x =



1.8 metres tall

x =



Write your answer:



Answer: 15 metres

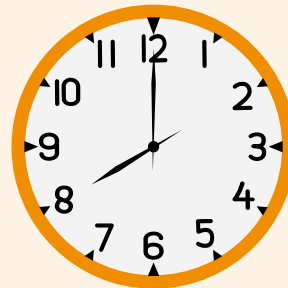
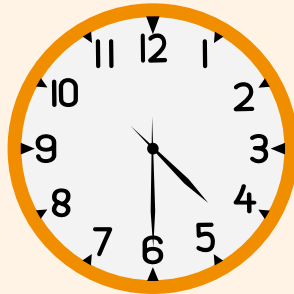
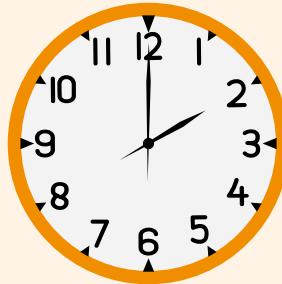


Tomatina O'Clock!

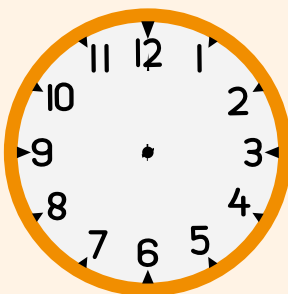
Maths
6+

The Intrepid Explorers are now in Valencia! Today, they've arrived just in time for a very special (and messy!) festival: La Tomatina 🍅 For one whole hour, people throw ripe tomatoes at each other! The festival starts at 11:00 am.

Look at the clocks below and circle the one that shows the correct time to help the Intrepid Explorers.



We know the festival lasts for one hour. Can you draw the hands on the clock below to show what time it will finish?



Did you know?

La Tomatina began by accident! During a local village celebration, a group of young people got into a spontaneous food fight and grabbed tomatoes from a nearby vegetable shop to throw at each other. It was so much fun that it turned into a yearly tradition and today, it's famous all around the world!



Football Rendez-Vous!

Maths
8+

Archie, Alex, and Max are on their way to meet their new Spanish friend, Diego, at the football field. Before leaving, they find a note Diego left on the table with directions. But there's a problem... Diego doesn't know all the English words yet, so some of the instructions are written in Spanish!

Can you help the Intrepid Explorers translate the words in red and figure out how to get to the football field? Then, draw a map showing the path they will take!



A NEW ADVENTURE EVERY MONTH IN A NEW COUNTRY!



Discover Egypt, Finland, Japan, Mexico and more with the Intrepid Explorers! In every digital country unit, join Archie, Violet, Ruby, Max and Alex on an exciting adventure as they solve puzzles, uncover mysteries and learn about the country!

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And if you want to join Archie and his friends on their first big quest, check out the first book of the series set in Australia. The story takes them on a secret mission to retrieve a mysterious and precious artifact. Along the way, they must solve tricky puzzles and face all sorts of challenges. Will they complete their mission before it's too late?

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