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Ivy Kids

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MY FIRST BOOK OF COMPARISONS

HOW THE WORLD MEASURES UP

WRITTEN BY CLIVE GIFFORD

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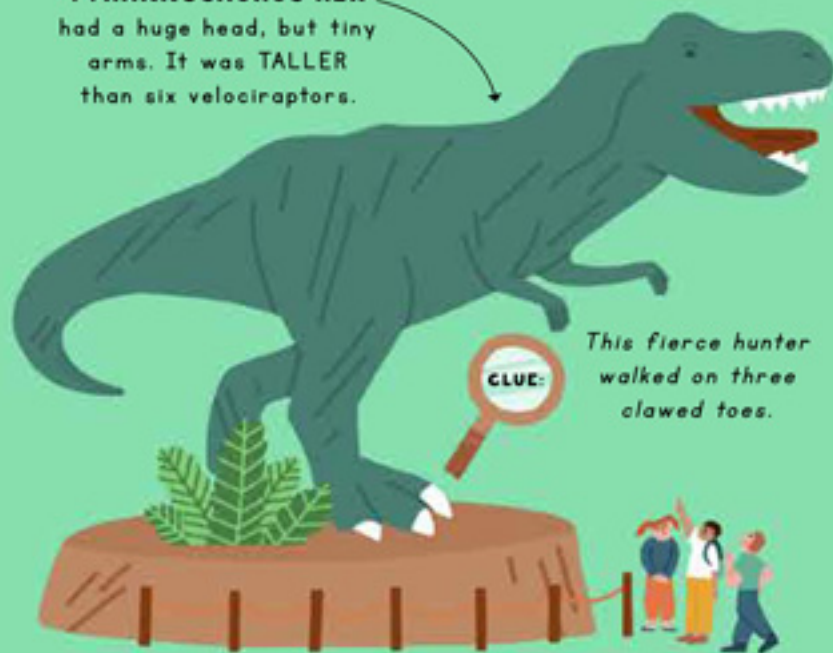
IVY KIDS



DINO DETECTIVE

Dinosaurs died out millions of years ago. But we have learned what they were like from their fossils. See how these four dinosaur models size up compared to each other and to us humans.

TYRANNOSAURUS REX had a huge head, but tiny arms. It was **TALLER** than six velociraptors.



This fierce hunter walked on three clawed toes.

VELOCIRAPTOR was the height of a human adult's waist. It was one of the **SMALLEST** dinosaurs.



This little dinosaur walked on two toes.

APATOSAURUS was about as long as two triceratops. It was one of the **BIGGEST** dinosaurs, but its brain was teeny-tiny!



*This giant's footprints were the **BIGGEST** of all the dinosaurs on this page.*

TRICERATOPS had three large horns on its head. It was about as **LONG** as a line of seven children.



This horned dinosaur walked on four chunky toes.

QUICK QUIZ

Can you work out which footprint belongs to which dinosaur? Read the clues beside each dinosaur to help you.



1.



2.



3.

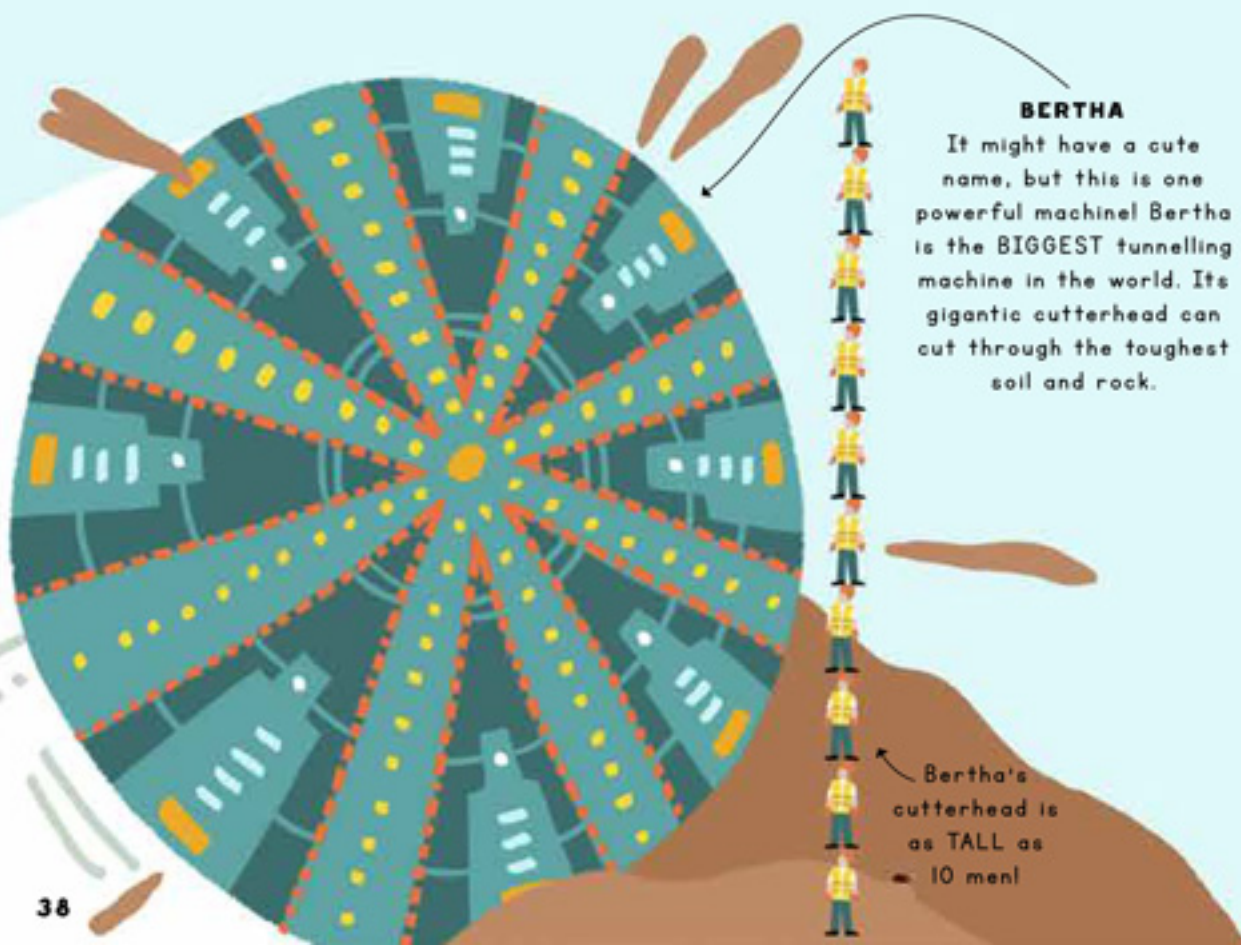


4.

The answers are on page 48.

MIGHTY MACHINES

Meet some of the world's BIGGEST-EVER moving machines. Count how many people high each one measures.



BERTHA

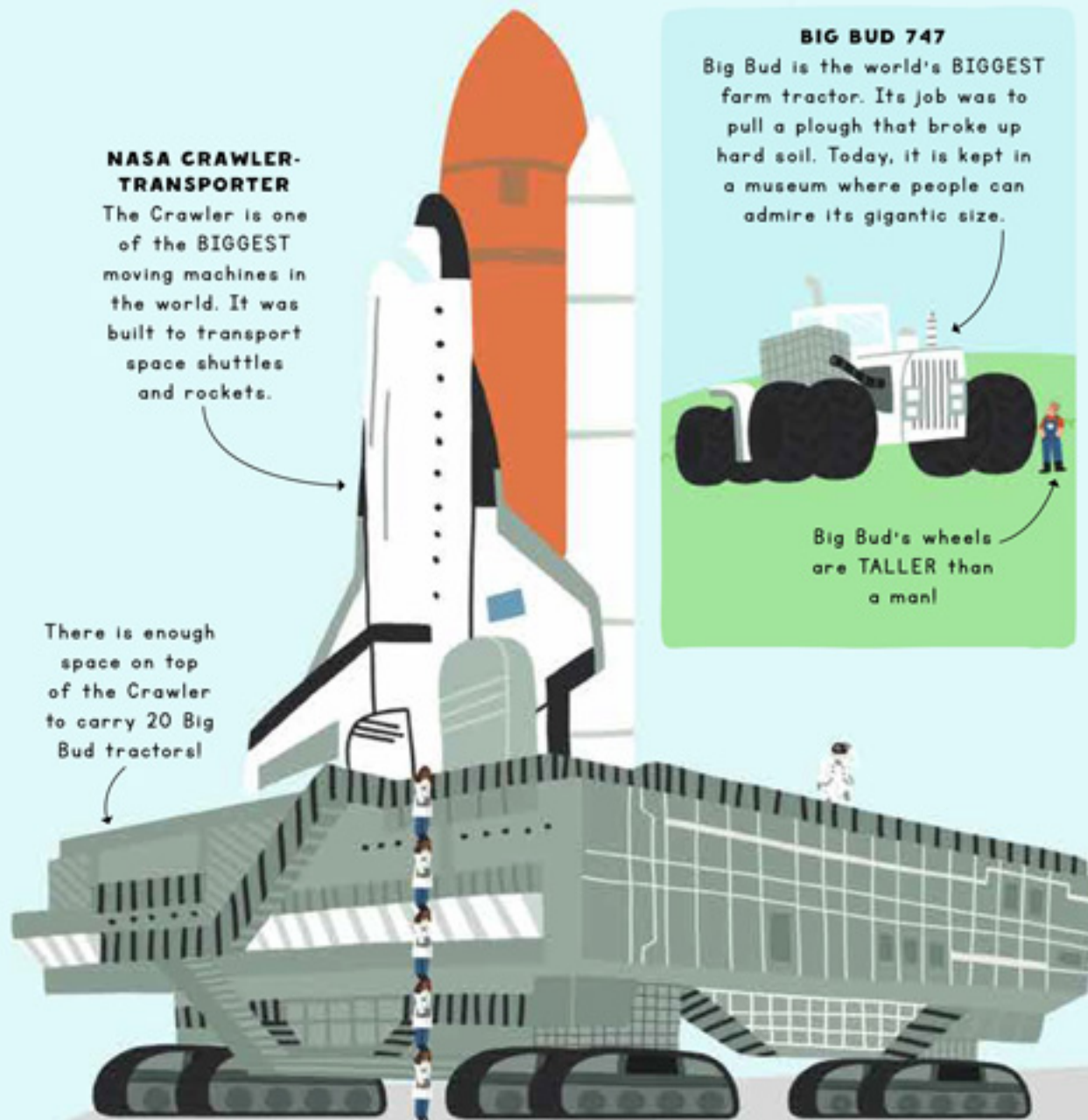
It might have a cute name, but this is one powerful machine! Bertha is the BIGGEST tunnelling machine in the world. Its gigantic cutterhead can cut through the toughest soil and rock.

Bertha's cutterhead is as TALL as 10 men!

NASA CRAWLER-TRANSPORTER

The Crawler is one of the BIGGEST moving machines in the world. It was built to transport space shuttles and rockets.

There is enough space on top of the Crawler to carry 20 Big Bud tractors!



This mighty machine is as TALL as five women.

BIG BUD 747

Big Bud is the world's BIGGEST farm tractor. Its job was to pull a plough that broke up hard soil. Today, it is kept in a museum where people can admire its gigantic size.



Big Bud's wheels are TALLER than a man!

BIG BUGS

Wow! These bugs are the same size on the page as they are in real life. How many TEENY ladybirds does each bug measure? Count them up to find out.

SEVEN-SPOTTED LADYBIRD

A ladybird is just 1 cm long.

BLACK ANT

This ant is half the size of a ladybird.

RED KNEE TARANTULA

This giant furry spider digs a burrow in forest soil for its home. It may live as LONG as 30 years.

GIANT DARNER DRAGONFLY

The giant darter is the BIGGEST dragonfly in North America. It takes 13 ladybirds to equal its wingspan.

The dragonfly's four wings help it to hover so it can hunt and eat in mid-air!

HICKORY HORNED DEVIL CATERPILLAR

This spiny caterpillar is about the same length as a hot dog! It looks scary, but only eats tree leaves.

QUICK QUIZ

Can you count how many ladybirds equal the length of the hickory horned devil caterpillar?

Turn to page 48 to check your answer.

JAPANESE RHINOCEROS BEETLE

Can you see the horn growing from this beetle's head? It uses this like a weapon to fight other beetles.

It takes eight little ladybirds to reach this beetle's length.

This spider is as LONG as 10 ladybirds.