

Bug Blitz Maths

Years 3-6

How Many Legs?

Insects have 6 legs

Arachnids have 8 legs

Scolopendrid
centipedes have 21 pairs
of legs

Most Crustaceans have 5
pairs of legs



PROBLEM

There was a collection of arthropods living at the museum. There were 48 insects, but three of them had lost a leg each. Next to the insect enclosure, 13 Scolopendrid centipedes lived under six pieces of bark. They had all of their legs. On the other side of the room lived 23 arachnids. They were all spiders, however 7 of them were missing two legs each. In another corner there was a large aquarium, which was the home for 23 prawns, 6 crabs and 13 gastropods. One of the crabs had only 6 of its 10 legs remaining and another had 9 of its 10 legs left.

*How many legs altogether,
does the collection of
Arthropods at the museum have?*

Create and write your own "How many legs?" problem to share with friends. Make it as challenging as you possibly can!

STRATEGIES: Draw the problem, use an algorithm, use a calculator.



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