The Motion Mission

Show the resultant force

You can draw, point, write or talk it through with someone.

Have a go

On a trolley, a 6 N push acts to the right and a 2 N resistance acts to the left. Draw and label two arrows using 1 cm for every 2 N.

Try another step

Work out the size and direction of the resultant force. Change the resistance so that the resultant is zero. How long is its arrow now?

Check your thinking

The resultant is 4 N right. A 6 N resistance to the left balances the push. Its arrow is 3 cm long.

Explore the book

Tap here or scan the code for the paperback and story preview.