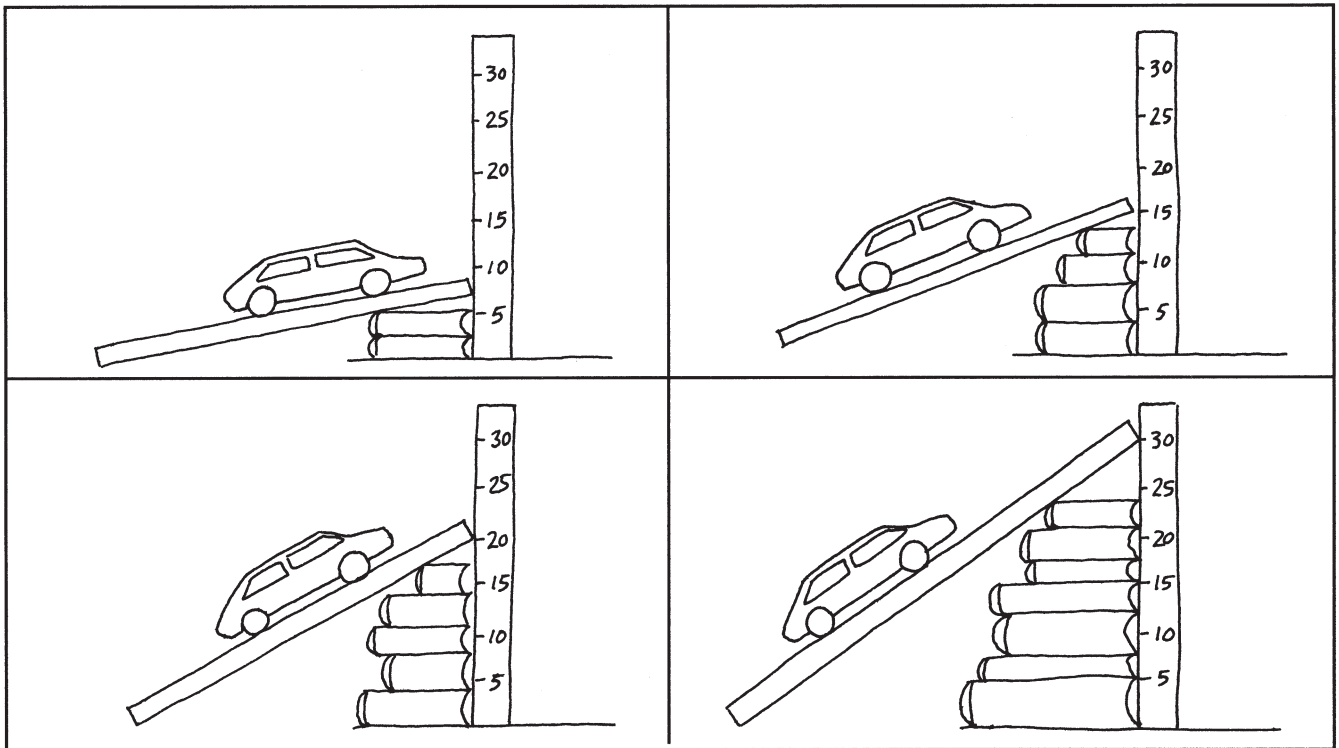


Name \_\_\_\_\_

# Using ramps

**You will need:** a toy car; a length of wood or a large book; a ruler; measuring tape; books; large floor space.

▲ Place the wood on some books 10cm high so that it makes a slope. Place a toy car on the ramp and let it go.



▲ Measure the distance from the end of the ramp to where the car stopped and record your results on the chart below.

Height of ramp (cm)	Distance car travelled (cm)
10 cm	
15 cm	
20 cm	
30 cm	

▲ Do the same thing with ramps 15cm, 20cm and 30cm high. What do you notice?

▲ On which ramp does the car roll furthest? Can you work out why?

▲ Try other objects on the slope. Which ones travel furthest?