

1 Here is an old type of bicycle called a penny farthing. When it is being ridden along which statement is true?

- A: both wheels are going round at the same speed
- B: the front wheel is going faster than the back wheel
- C: the back wheel is going faster than the front wheel



2



If you make bread from flour, yeast, water and a little oil some recipes suggest adding some sugar. Why do you think this is?

- A: so it tastes nicer
- B: so the bread rises more
- C: so you get more energy from eating it

3

A bus uses much more fuel than a car. Why are busses better for the environment than cars?

- A: they make following traffic go slower
- B: a bus carrying 20 people uses less fuel than 20 cars carrying one person
- C: we don't need so many car parks so we have more space for gardens



4. An ant is sitting on a bicycle wheel. Inside the rim, not on the tyre so he won't get squashed! As the bike goes along which is true:

A: the ant goes further than the rider

B: the ant and the rider go the same distance



5.

On sailing ships there was a look out positioned up a mast in the crow's nest. Why was this crow's nest at the top of the mast?

A: So the horizon became farther away for the sailor in the crow's nest

B: So the sailor could see the curvature of the Earth

C: So the sailor would be out of harm's way

6. Look at a central heating radiator. They usually have ridges and "dents" on them. Why?

