



BIG QUESTION 3

Why are wheels important?

Think and write.

What do you know?

What do you want to know?

UNIT 5

Get Ready

Words

A Match the words and the pictures or definitions.

1 axle

a



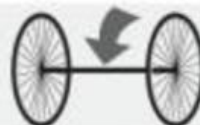
2 spoke

b

to pull or carry

3 transportation

c



4 rotate

d

to move or trade places

5 rod

e



6 rim

f

knowledge used to make things

7 transfer

g



8 haul

h

the grip of the wheel on the road

9 traction

i



10 gear

j

to crush and make smaller

11 grind

k



12 technology

l

to move in a circle

B Circle the correct answer.

- 1 The six metal rods on the inside of the wheel are the _____.
a rims **b** spokes **c** transportation **d** gears
- 2 We need to _____ the wheat to make flour.
a rotate **b** transfer **c** grind **d** haul
- 3 The outside part of a wheel is called the _____.
a spoke **b** rod **c** axle **d** rim
- 4 The wheels _____ on their _____.
a transfer / rods **b** haul / spokes **c** rotate / axles **d** grind / gears

C Write the missing word.

gears grind hauling traction rotate transportation

1



The car lost its _____ when we hit the ice.

2



Cars, bicycles, trains, and buses are kinds of _____.

3



The truck is _____ furniture.

4



A grinding machine is for making flour. The _____ are part of this machine. When they _____, or move around, they move a belt. This makes the machine _____ the flour.

Understand

Comprehension

A Re-read to understand. Re-read each paragraph to answer the questions.

1 Re-read the first paragraph. List four uses for bicycles.

2 Re-read the second paragraph. How was the first bicycle the same and different from a modern bicycle? Give at least one example of how it was the same, and one example of how it was different.

Same: _____

Different: _____

3 Re-read the third paragraph. List three things that were added to bicycles.

4 Re-read the fourth paragraph. List four ways that cities have encouraged people to use more bicycles.

5 Why is it a good idea for people to use more bicycles?

B What kind of transportation do people use where you live?

C Words in Context Fill in the blanks.

platform vehicles durable mill mechanical inspire

1 Wheels and gears were used to make many _____ things.

One invention using a wheel is a _____ to grind flour.

2 Wheels are also used for _____, like bicycles and cars.

3 The first bicycle had a wooden _____ to sit on. It was made of very strong, _____ wood.

4 Reading about inventions can _____ people to want to invent new things.

