



The bumper cars were parked in order.  
 Kerry got in bumper car number 30.  
 Her friend Lilly got in a bumper car that was four  
 bumper cars before Kerry's.  
 What number bumper car did Lilly get in?



What if...

...you decide the starting number and the number sequence?  
 Can you explain your number sequence to someone?

### CARD 13

Cara got into a bumper car whose number  
 was more than 20 but less than 30.  
 It was an odd number.  
 What number bumper car could she  
 have got into?

At the fun park,  
 Jodie sees the bumper  
 cars lining up in order.  
 The next bumper car  
 arrives. After this,  
 another one arrives.  
 What number will be  
 on the last bumper  
 car to arrive?

At the fun park, Jodie sees  
 the bumper cars lining up in order.  
 The next bumper car arrives.  
 After this, another one arrives.  
 What number will be on the last  
 bumper car to arrive?  
 A few minutes later, another two  
 bumper cars arrive.  
 What will be the last number now?

At the fun park, Jodie sees the bumper cars  
 lining up in order.  
 The next bumper car arrives.  
 After this, another one arrives.  
 A few minutes later, another two bumper cars arrive.  
 What number will be on the last bumper car?

Ashley says that she wants to have a ride in bumper car number 61.  
 Will she be able to?  
 Explain how you know.



What if...

less straight forward

finding all possibilities

Explain

Instructions left out

More steps

Simple

Number sequence, multiples of 5



5 10 15 20 25 30 35 40 45 50

Lilly got in bumper car number 30.

One possible approach...

My number sequence starts at 5  
and counts forward in 2s.

5 7 9 11 13 15 17 19

Cara could have got in  
bumper car number  
25, 35 or 45.

The first bumper  
car to arrive after  
number 20 will be  
25 so the next one to  
arrive after this will  
be number 30.

Bumper car number 30

then

bumper car number 40.

Bumper car number 40.

No because the bumper car  
numbers are multiples of 5.

Multiples of 5 have 5 or 0 units  
and 61 has 1 unit.