





Custom Cars

READ the paragraph, and WRITE the answer.

Color Choices

EXTERIOR

INTERIOR



A new sports car can be customized right down to its audio system. You can choose a hardtop or a convertible. There are eight different colors for the exterior and four different colors for the interior. Then you can choose from two kinds of audio systems: one with a CD player and one with satellite radio. How many different cars can you make from these choices?

_____ cars

Combination & Logic Problems

Awesome Avatars

READ the paragraph, and WRITE the answer.

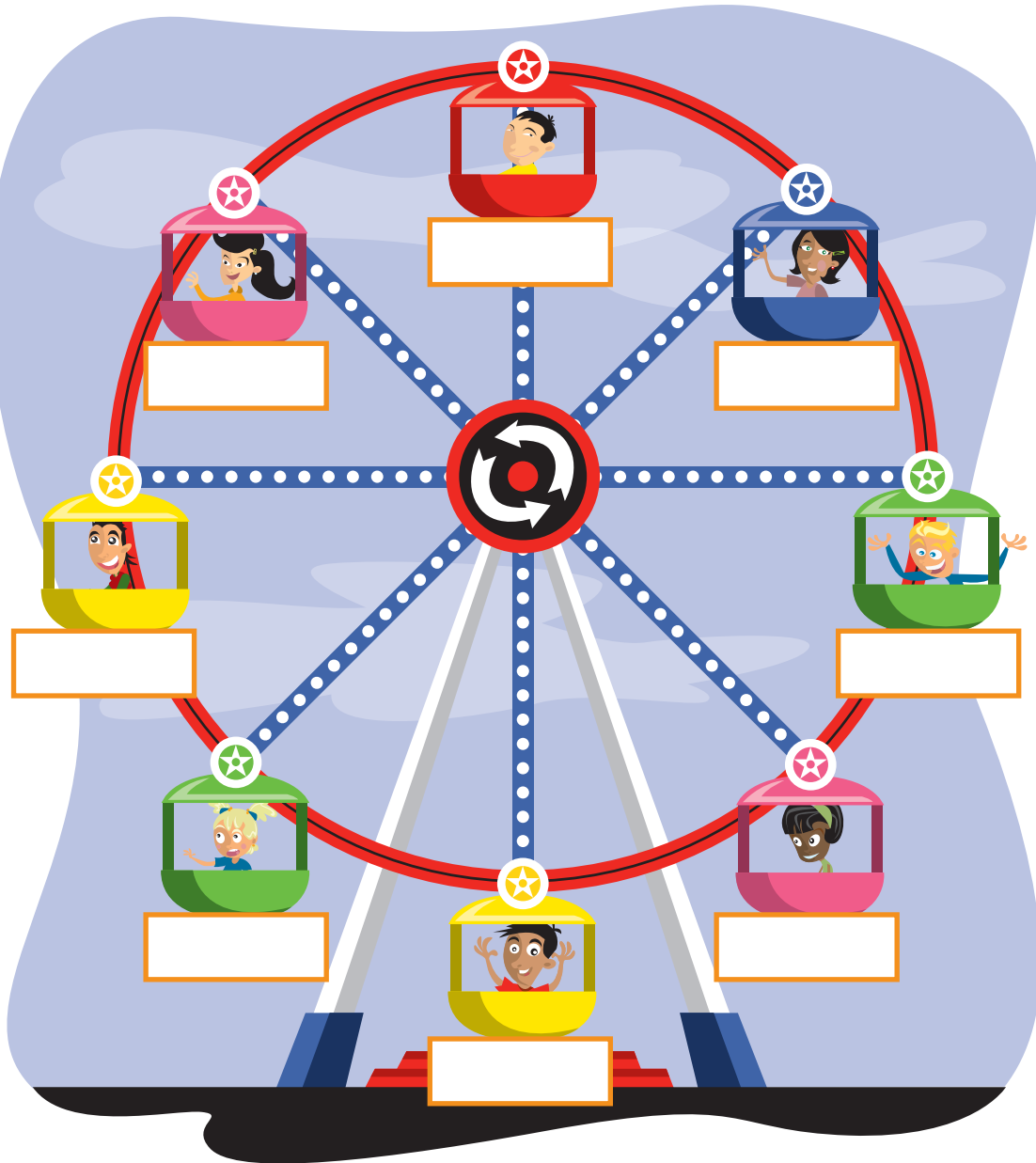


A new video game lets you design your character before you start playing. First you can choose to be a boy or a girl. Then you get a choice of four different skin colors, three different hairstyles, five different outfits, and two different pairs of shoes. How many different characters can be made from these choices?

_____ characters

Ferris Wheel

READ the clues. WRITE the name of the person who belongs in each Ferris wheel car.



The cars alternate girls and boys.

Tom is at the bottom.

Brooke got on right after Jimmy.

When Tyler reaches the bottom, Aiden will be on top.

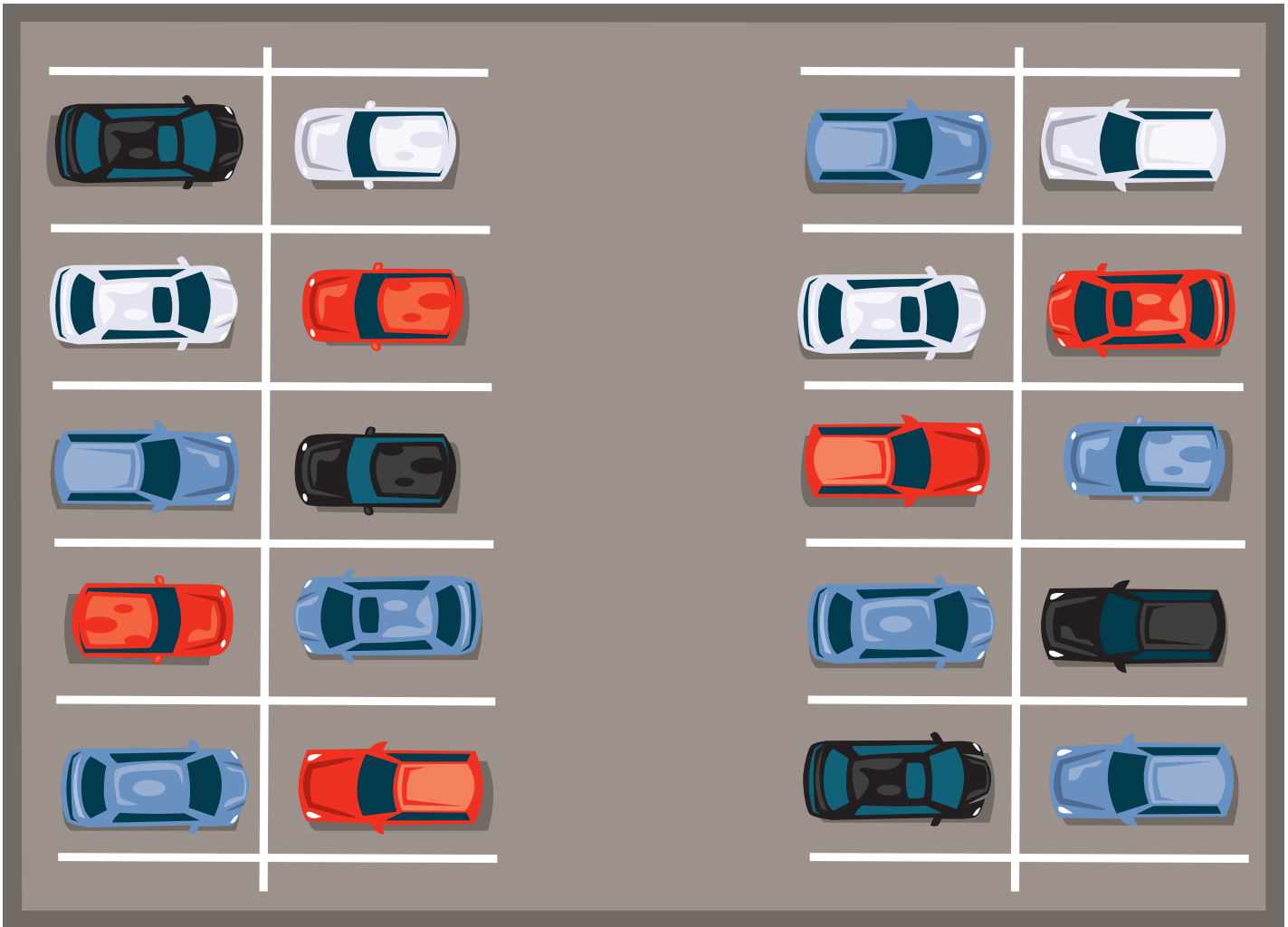
Tyler is riding between Haley and Alyssa.

When Alyssa reaches the bottom, Sierra will be on top.

Combination & Logic Problems

Parking Lot

One car in the parking lot needs to change to make all of the clues true. READ the clues, and DRAW an X on the car that should change to blue.



Twenty percent of the cars are black.

There are twice as many blue cars as black cars.

There are the same number of silver and red cars.

No cars that are the same color are parked right next to each other.