

Roundabouts— Another Safe Intersection

An Educational Activity Book



Welcome!

Roundabouts are just another safe intersection. They are different than traffic signals or stop signs because they use their circular shape and yield signs to control traffic.

This activity book has been designed to introduce YOU to roundabouts. With roundabouts becoming more and more popular throughout the United States and especially in your state, you need to know how to walk and bike safely through and around them.

Enjoy the many activities in this workbook while you learn about “Roundabouts, Another Safe Intersection.”



City of Sugar Land

*Note for teachers and parents: a lesson guide is provided at the back of this activity book and answers are given on the City's website: www.sugarlandtx.gov.
The targeted age group is 3rd, 4th, and 5th graders.*

Thank you to Bend, Oregon!

The City of Sugar Land, Texas extends our appreciation to the City of Bend, Oregon for providing the youth educational activity book on roundabouts. We in particular appreciate Robin Lewis with Bend's Engineering Department for coordinating this effort. The roundabout resources provided by Robin and the City of Bend are very helpful towards our resource development with using the roundabout intersection.



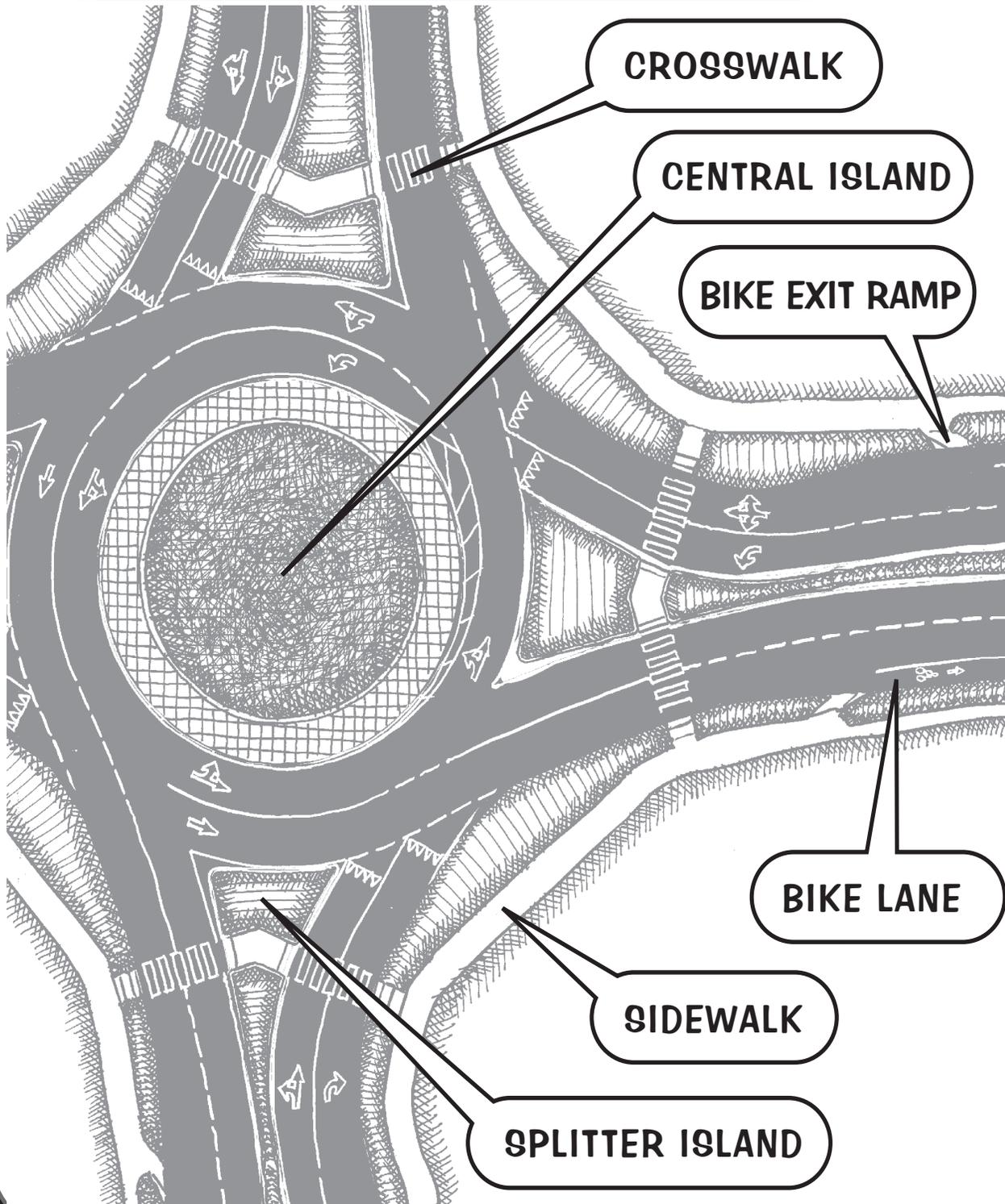
SafeRoutes

Oregon Safe Routes To School



Lesson 1:

Basic Features and Their Names



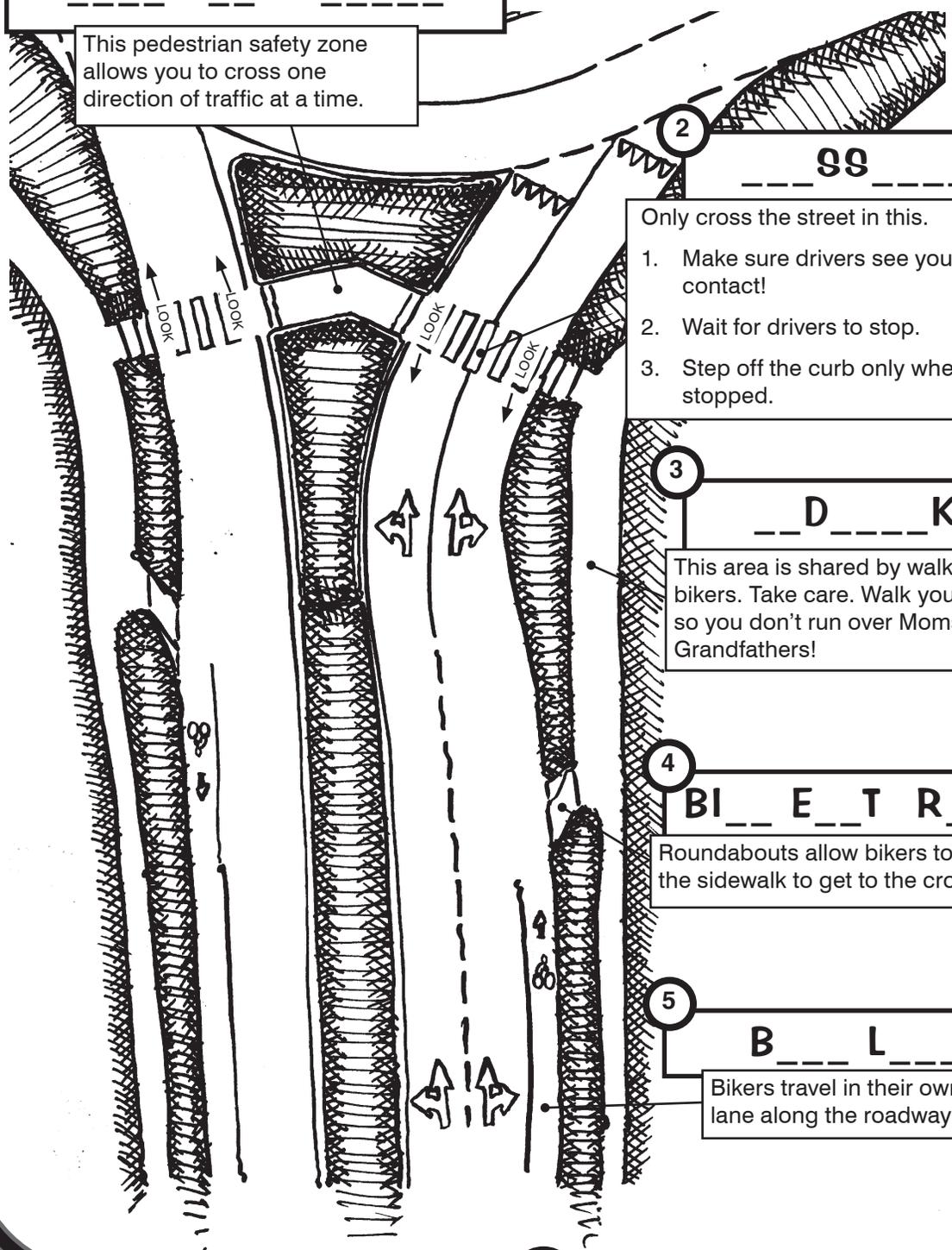
Lesson 1 Practice:

Fill in the Missing Letters

1

TT I

This pedestrian safety zone allows you to cross one direction of traffic at a time.



2

SS

Only cross the street in this.

1. Make sure drivers see you. Make eye contact!
2. Wait for drivers to stop.
3. Step off the curb only when traffic is stopped.

3

D K

This area is shared by walkers and bikers. Take care. Walk your bike, so you don't run over Moms and Grandfathers!

4

BI E T R M

Roundabouts allow bikers to exit to the sidewalk to get to the crosswalks.

5

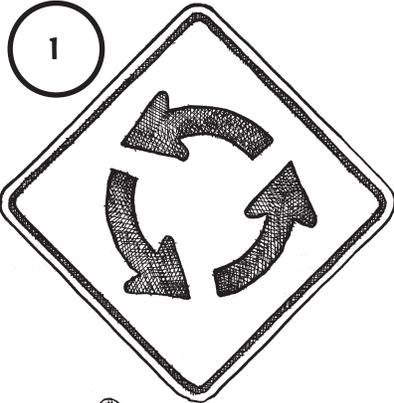
B L

Bikers travel in their own lane along the roadway.

5

Lesson 2:

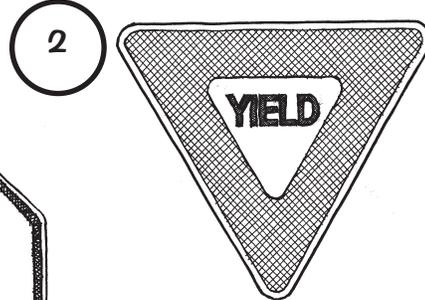
SIGNS in the Roundabout



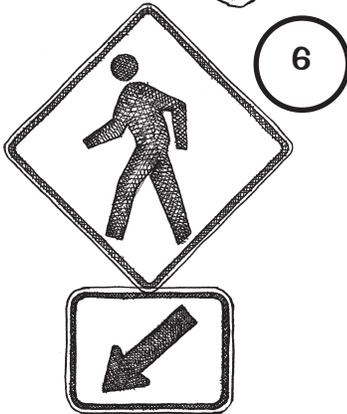
1



3



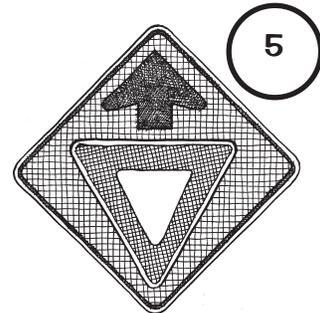
2



6



4



5

Fill in the sign number that matches the name and description given below

<u>Name of Sign</u>	<u>Description</u>
<input type="radio"/> School Zone	Alerts drivers they are approaching a school area and must slow down (Hint: pentagon shaped).
<input type="radio"/> Yield	Requires motorists to slow or stop to avoid other vehicles at an intersection (Hint: triangular shaped).
<input type="radio"/> Circular Intersection	Warns drivers they are approaching a circular intersection (Hint: chasing arrows).
<input type="radio"/> Pedestrian Crossing	Alerts drivers of pedestrian crossing (Hint: shows exactly where a pedestrian should cross).
<input type="radio"/> Yield Ahead	Warns drivers there is a yield ahead (Hint: square sign).
<input type="radio"/> One Way	Requires travel in one direction only (Hint: the arrow points the way).

Lesson 2 Practice:

True or False?



You should only cross the street in the crosswalk.

T F



Drivers can travel in either direction when they see this One-Way sign.

T F



School zones require extra caution from drivers. Drivers are required to slow down in a school zone.

T F

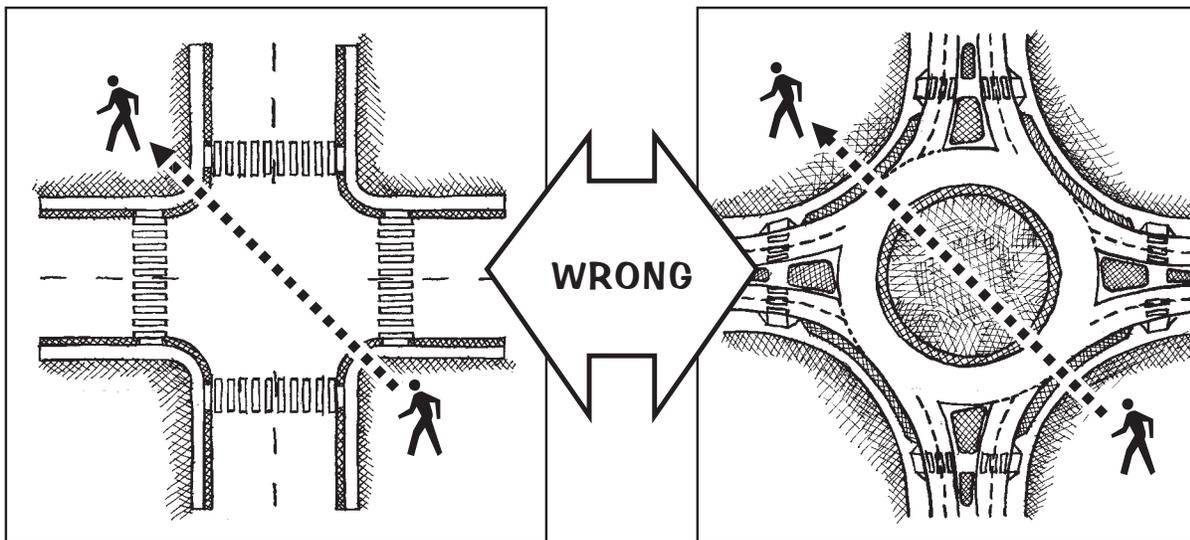
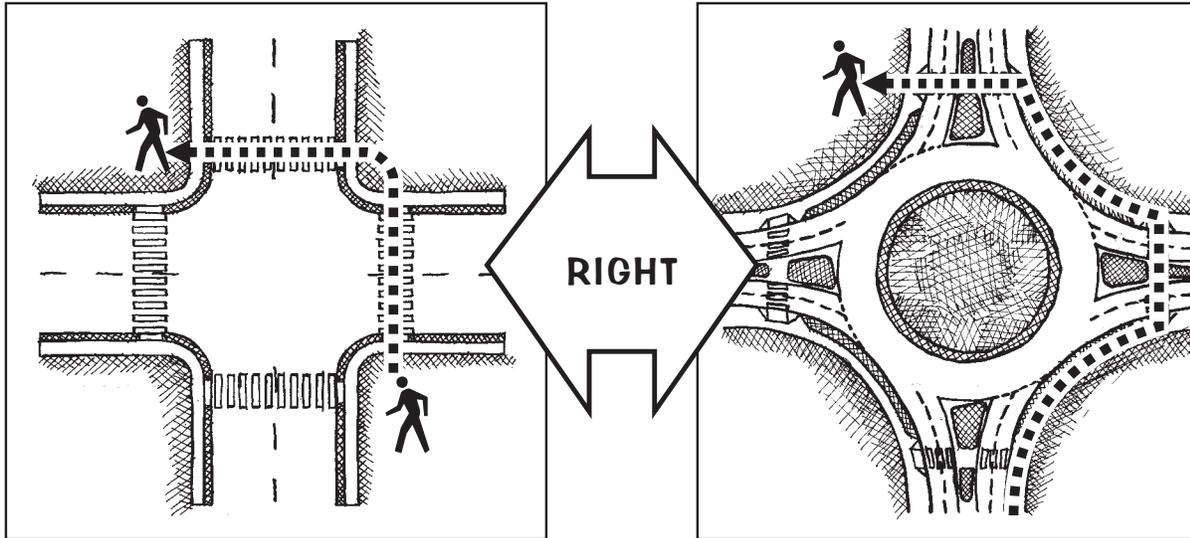


This warning sign tells drivers to prepare for the roundabout.

T F

Lesson 3:

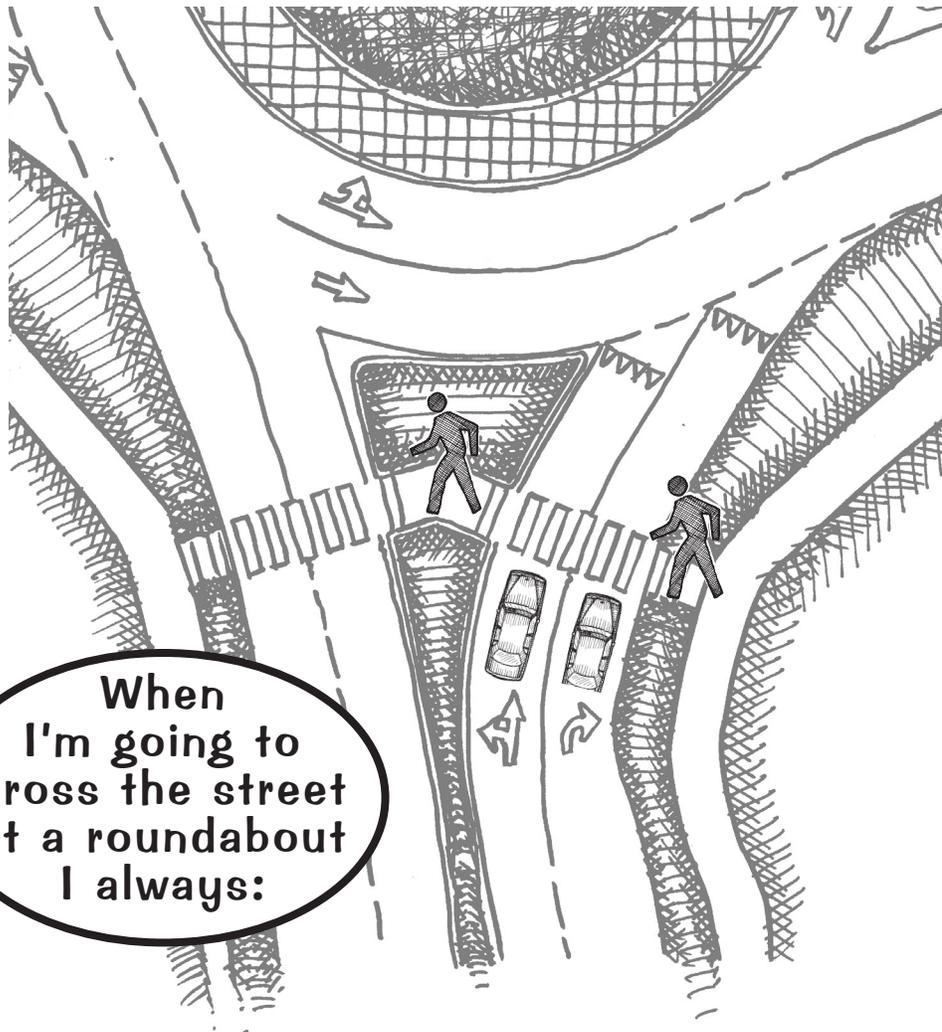
Pedestrians, Make Safe Choices!



DON'T FORGET, CROSS ONLY IN THE CROSSWALKS!

Lesson 3 Practice:

Pedestrians in the Roundabout



When I'm going to cross the street at a roundabout I always:

PUT THESE STEPS IN ORDER:

- _____ Make sure drivers see you—make eye contact with the driver!
- _____ Step off curb when traffic is stopped.
- _____ Wait for drivers to stop.
You've made it to the splitter island!
- _____ Repeat steps 1-2-3 to complete your crossing!

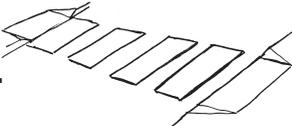
Lesson 4:

Bikes, Make Safe Choices!



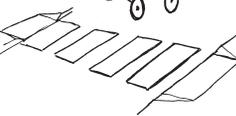
Bikes are important vehicles at roundabouts. There are special exit ramps for  bikers that lead onto the sidewalk.

Sidewalks can be crowded, so ride or walk slowly to the

crosswalk.  Be polite and give  pedestrians the

right of way. Don't run into  Grandma or baby brother in his

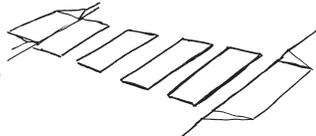
stroller.  Cross with your  bike at

the  crosswalk just like a  pedestrian.

1. Make sure drivers  see you. Make  eye contact!

2. Wait for drivers to  Stop.

3.  Step off the curb when traffic is stopped.

A good reason to walk your  bike in the 

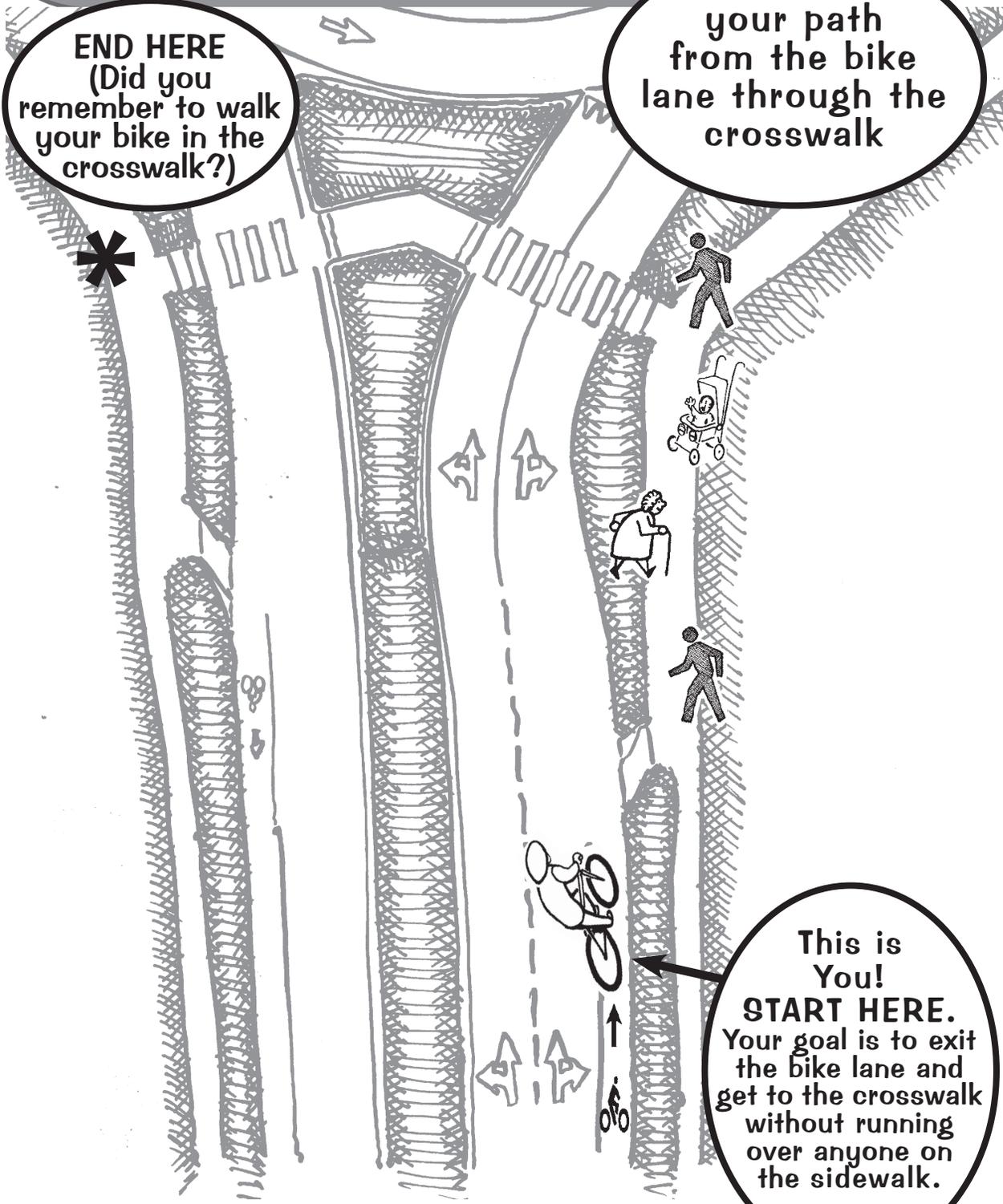
crosswalk is so drivers will have  time to  see you.

Lesson 4 Practice:

Bicycles in the Roundabout

END HERE
(Did you remember to walk your bike in the crosswalk?)

Trace your path from the bike lane through the crosswalk



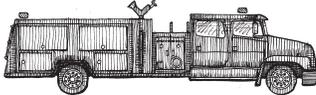
This is You!
START HERE.
Your goal is to exit the bike lane and get to the crosswalk without running over anyone on the sidewalk.

Lesson 5:

Emergency Vehicles: Let Them Quickly Through!

**A siren means emergency!
Think fast, look – where are you?
Give them a lane, someone's in pain
And let them quickly through!**

A siren means emergency!

 and  use their lights and sirens to let you know they need your help in quickly getting through!

Think fast, look – where are you?

Is your car within the intersection or clear of the intersection?

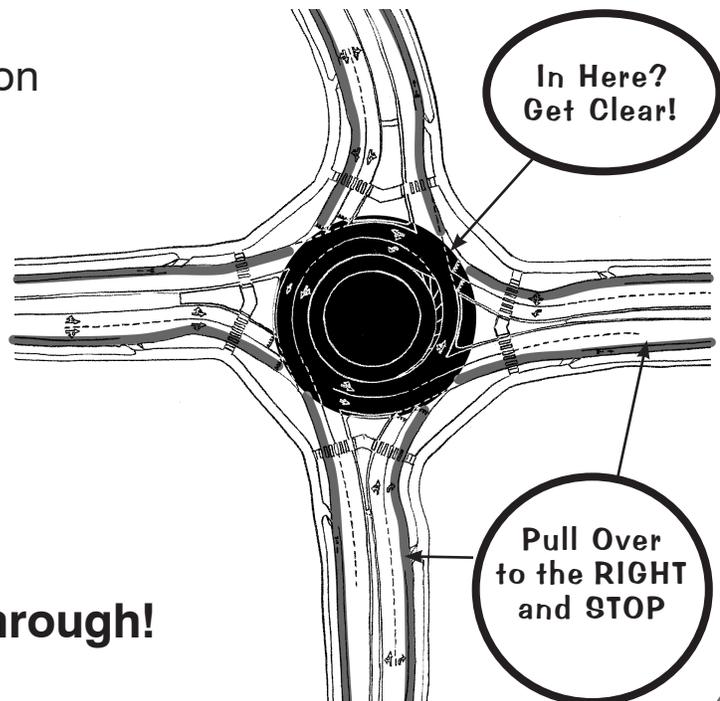
Give them a lane, someone's in pain

1) CLEAR the intersection
and

2) Pull over to
the RIGHT 

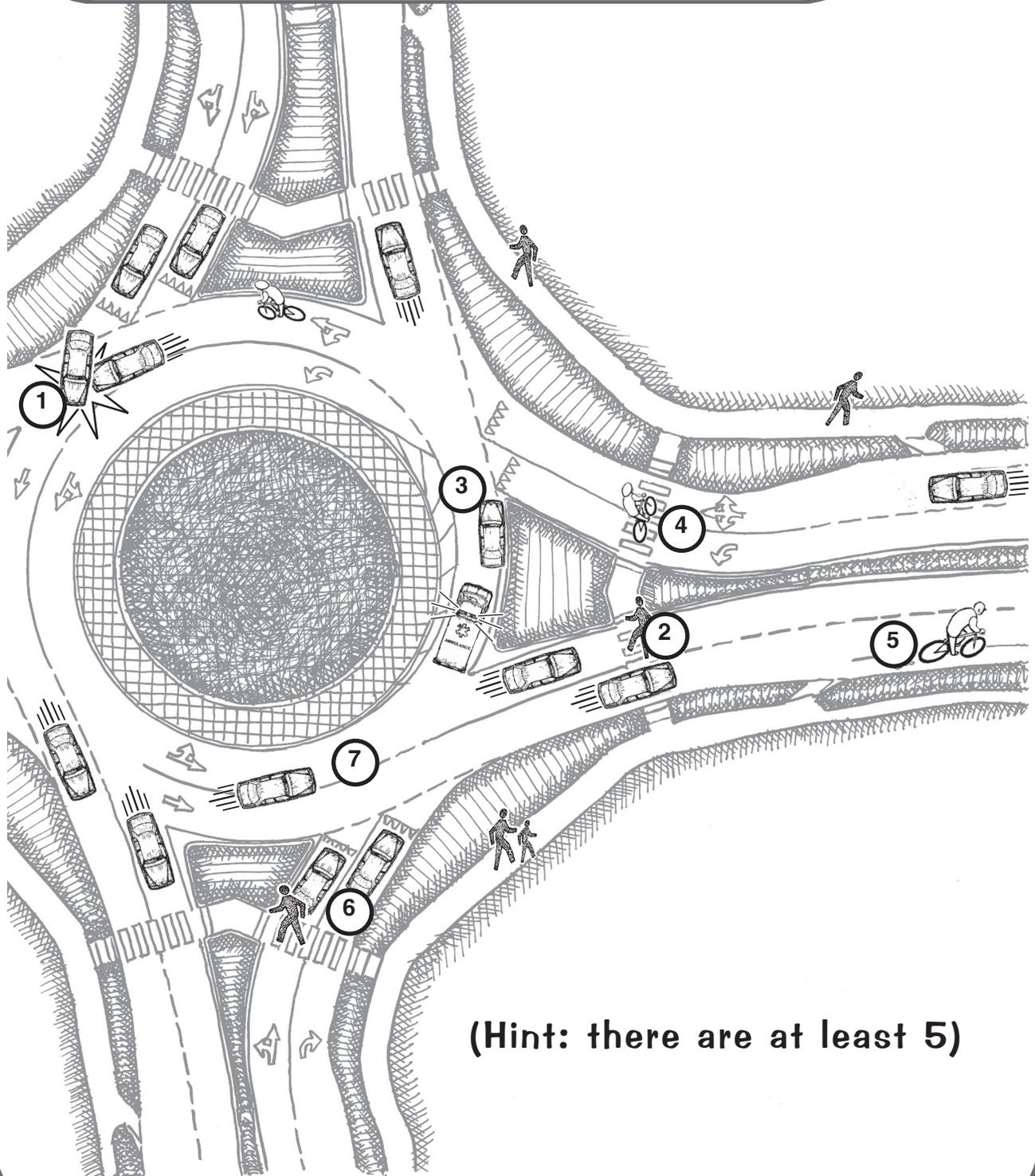
and STOP 

And let them quickly through!



Lesson Practice 5:

Circle All the Safety Mistakes



(Hint: there are at least 5)

Round the Roundabout

Drive round around a roundabout
Be safe; one lane or two.
Stay in the lane that you arrive
Go straight, go left or U.

A roundabout is just an intersection
With a curve.
Drive round around a roundabout
Choose safely all to serve.

The traffic in the roundabout
Has got the right of way.
No stop signs round a roundabout
Just yield to them, OK?

Don't crash into the other car.
Don't cross the middle line.
Just drive around the roundabout
And exit when it's time.

You walk around a roundabout.
Don't cross across, not you!
And on a bike, just exit right
You use the crosswalk, too!

Drive round around a roundabout.
Be safe, you have a choice.
Just use your head, do what we said
And travel safe—rejoice!

Drive slow around a roundabout
It's made that way you see,
Just travel slow, get where you go,
It's safe for you and me!

The roundabout is safer than
A traffic light, it's true!
If your choice not right,
And bump you might,
Injuries are few.

When trucks drive round a roundabout
They go one at a time.
The apron helps them circulate -
They get to cross the lines.

A siren means emergency
Think fast, look - where are you?
Give them a lane, someone's in pain
And let them quickly through.

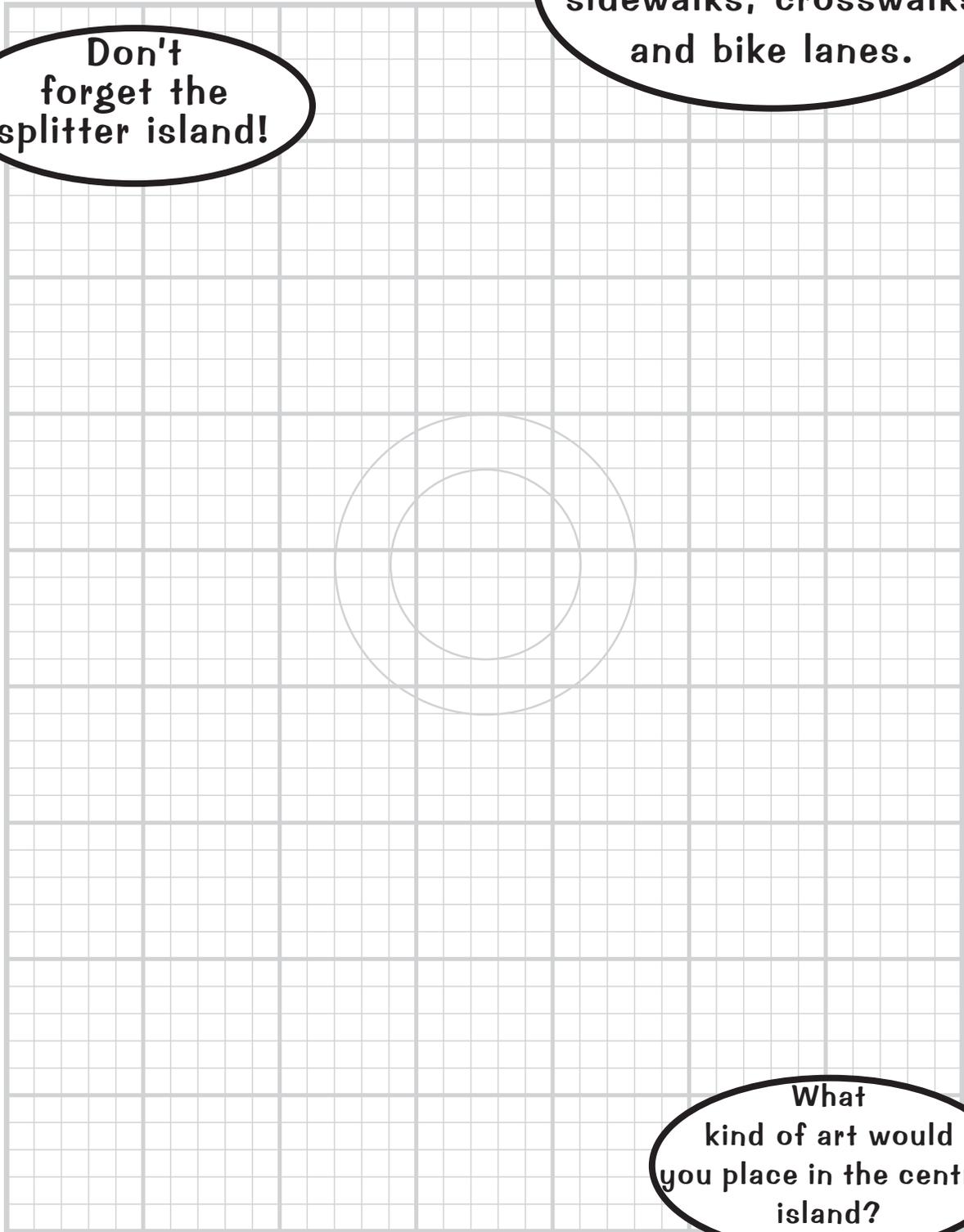
Drive round around a roundabout
Slow down, slow down, my friend.
From here, from there, from everywhere
We'll roundabout again.

Lesson 1 Quiz:

Draw Your Own Roundabout

Remember to draw the sidewalks, crosswalks and bike lanes.

Don't forget the splitter island!

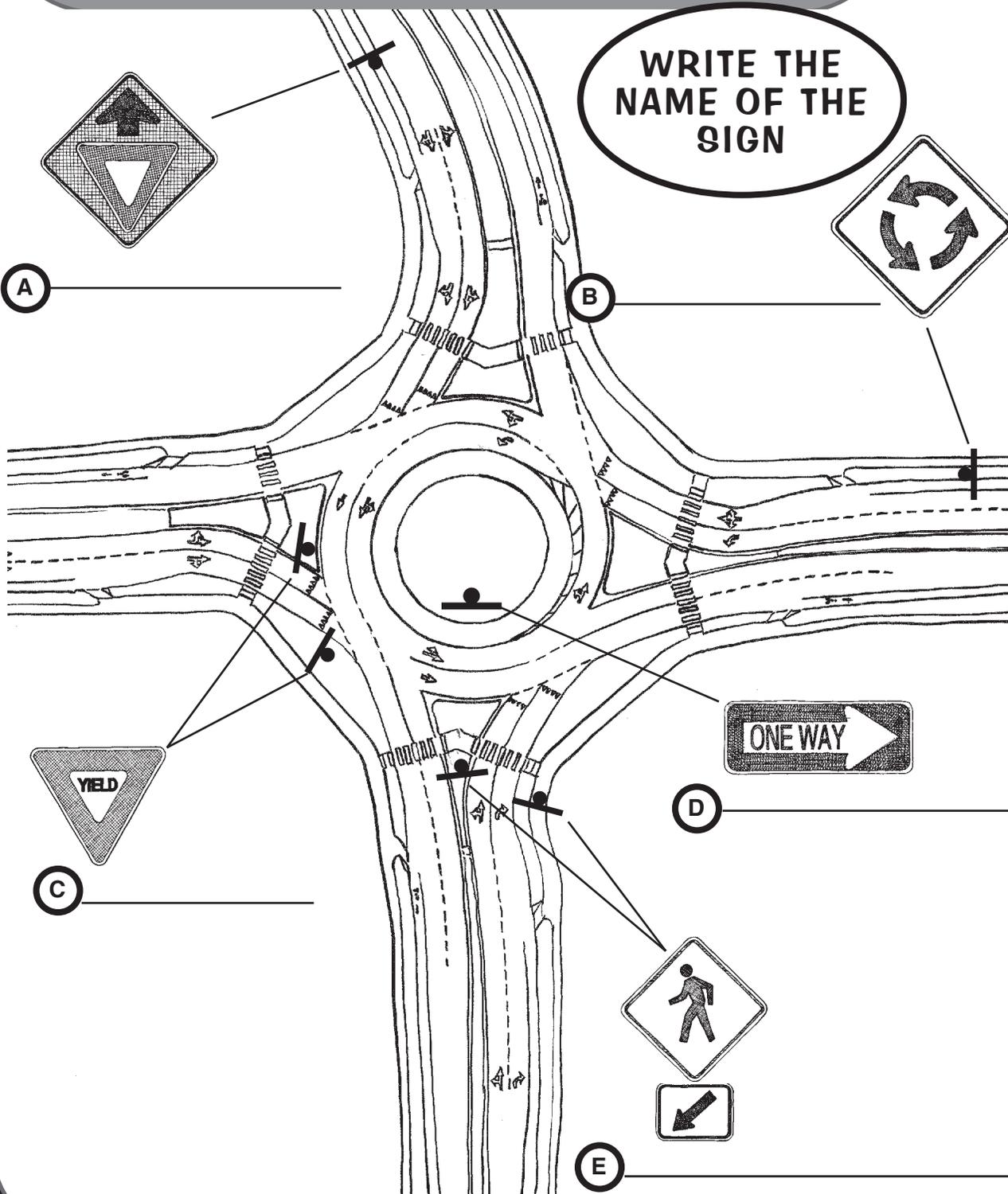


What kind of art would you place in the central island?

Lesson 2 Quiz:

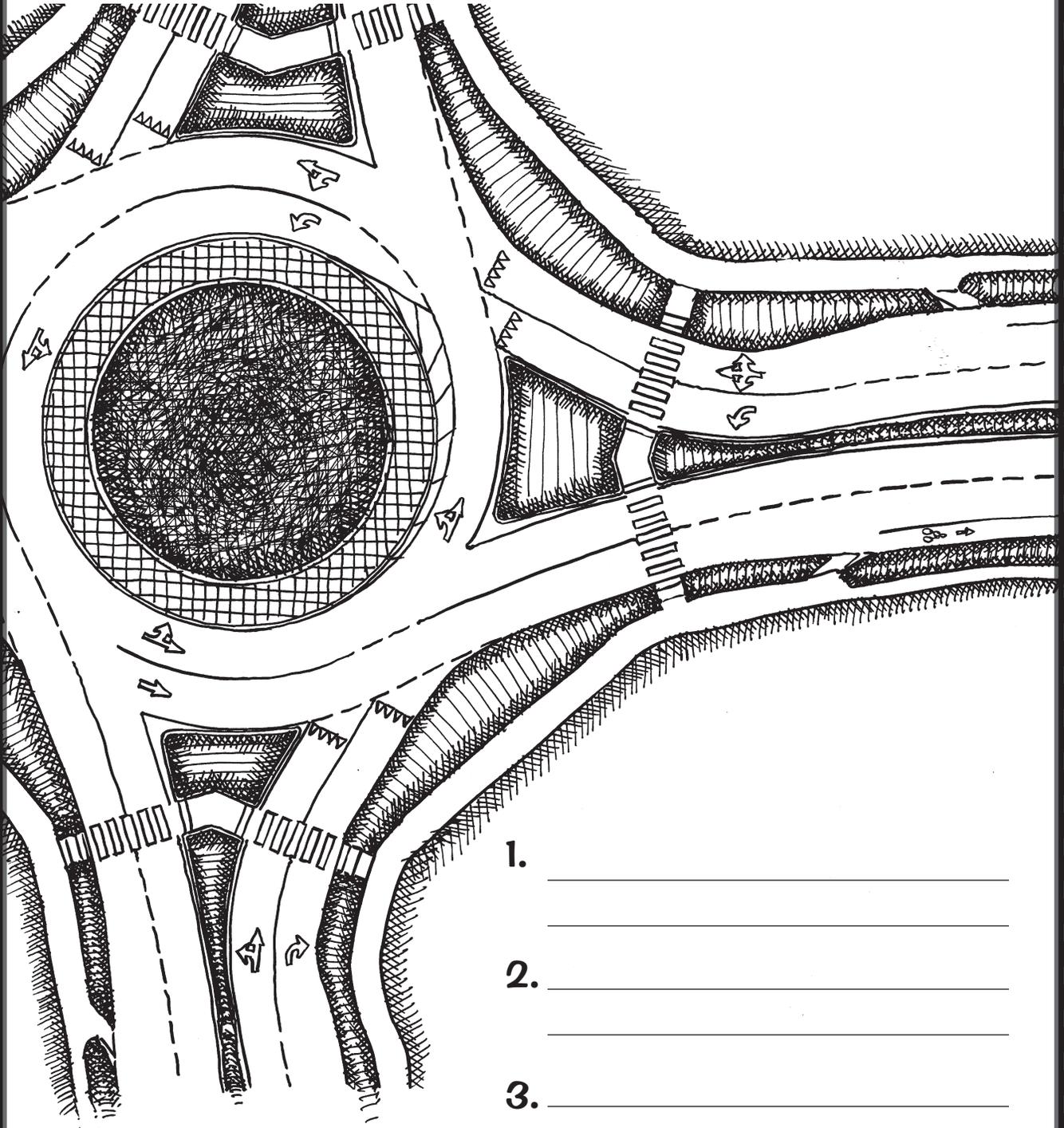
Roundabout Sign Locations and Names

WRITE THE NAME OF THE SIGN



Lesson 3 Quiz:

Identify 3 Steps to Cross the Street



1. _____

2. _____

3. _____

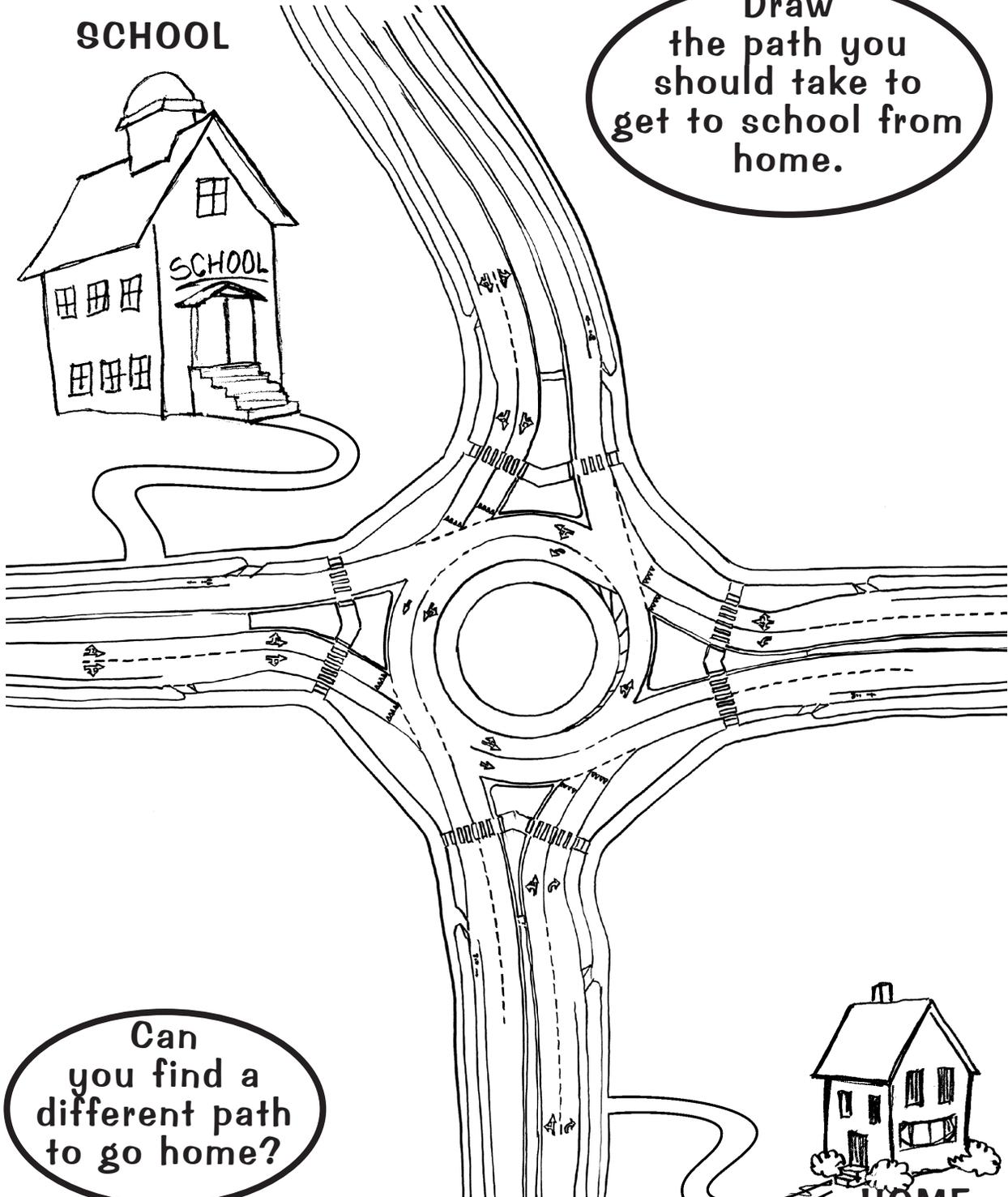
Lesson 4 Quiz:

Getting to School with the Roundabout

SCHOOL



Draw the path you should take to get to school from home.



Can you find a different path to go home?



Lesson 5 Quiz:

Emergency Vehicles: Let Them Quickly Through!

Let



police cars



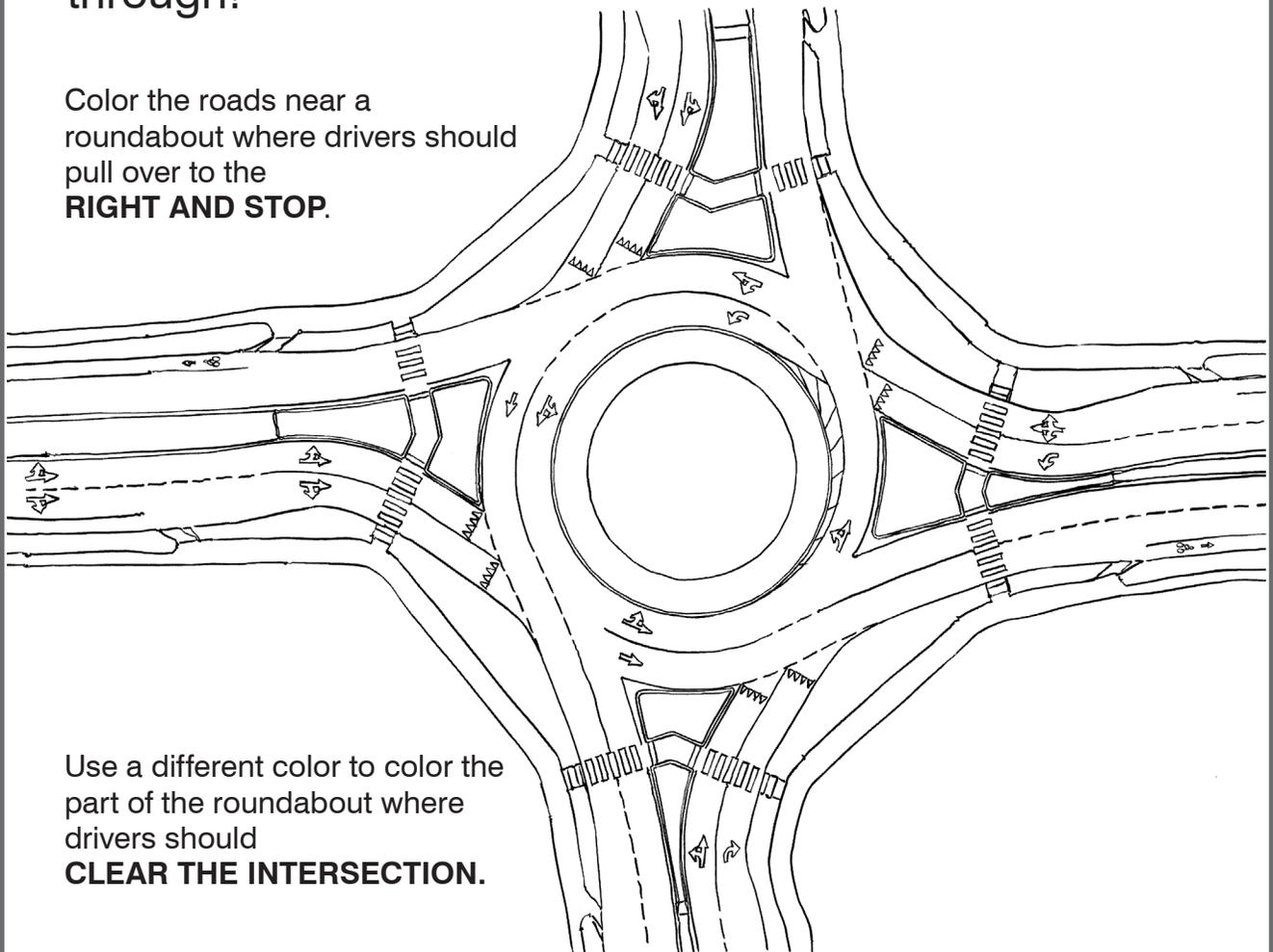
ambulances and



fire trucks quickly

through!

Color the roads near a roundabout where drivers should pull over to the **RIGHT AND STOP.**



Use a different color to color the part of the roundabout where drivers should **CLEAR THE INTERSECTION.**

Roundabouts Lesson Plan Summary

Lesson 1 - Basic Terminology

Introduce the following basic terminology:

- Sidewalk
- Crosswalk
- Bike Lane
- Bike Lane Exit
- Pedestrian Safety Zone (splitter island)

Key Concepts

- Use the bike lane but exit to the sidewalk to get to the cross-walk
- Cross at the cross-walk
- Cross one direction of traffic at a time
- Cross to the Pedestrian Safety Zone (splitter island)

Lesson 2 - Signs

Be able to identify:

- Yield sign
- Pedestrian Crossing Sign
- School Zone Sign
- Roundabout Ahead Sign (chasing arrows)
- One Way Sign

Key Concepts

- Pedestrian Crossing Sign requires drivers to stop for pedestrians in the cross-walk
- Yield sign requires drivers entering the roundabout to yield to drivers already in the roundabout
- One Way—Drive counter clockwise
- School Zone—drivers are required to travel less than 20 mph in a school zone.*

* In some states it is 15 mph

Lesson 3 – Pedestrians

Make Safe Choices when you cross the street at a roundabout.

Key Concepts

- Cross only at the cross-walk
- Use 3 steps to cross the street
 1. Make sure drivers see you—Make eye contact!
 2. Wait for drivers to stop.
 3. Step off curb when drivers are stopped.
- Cross one direction of traffic at a time (you can rest in the pedestrian safety zone/splitter island).

Lesson 4 - Bikes

Make Safe Choices when you bike through a roundabout.

Key concepts

- Young bikers use the sidewalk to get to the crosswalk
- Don't ride fast on the sidewalk there can be elderly citizens, moms pushing strollers, etc.
- Cross at the crosswalk—walk your bike -drivers won't have time to react if you ride in the crosswalk.

Lesson 5 – Emergency Vehicles – let them quickly through!

- Know where you are so you can be sure to get out of the way.

Key Concepts

- Clear the intersection
- Pull over to the right and stop.

Roundabouts— Another Safe Intersection

We hope you had fun learning about roundabouts!
Make Safe Choices as you practice what you've learned
here.

For more information on roundabout safety, geometry
and operations, go to our website at:

www.SugarLandTx.gov



City of Sugar Land

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