

Grade
2-3



MATH

Traffic Safety Cross-Curriculum Activity Workbook



100
years
OF SERVICE

Note to Teachers

The AAA Traffic Safety Education Materials present essential safety concepts to students in Kindergarten through fifth grade. The material is designed to capture students' imaginations and encourage them to learn more about traffic safety while completing writing, spelling, reading, and math exercises.

This edition covers the following safety topics:

- **Pedestrian Safety** – How children get to and from school safely including the safest places to walk, where to cross streets, and cooperating with crossing guards.
- **What to Do in an Emergency** – The steps children should take in an emergency to keep them safe from harm.
- **Safe Places to Play** – Which places are dangerous for children to play in and how they can find safe places to play.
- **Look Both Ways** – The proper procedure for crossing streets safely.
- **School Bus Safety** – How children should behave on the school bus to keep them and everyone else safe.

When introducing the program, you should notify parents and seek their involvement.

Grades 2-3 Math Activity Workbook

This 16-page booklet presents Traffic Safety concepts in math exercises including: addition and subtraction, shapes and multiplication.

How to Use the Materials

Each workbook activity is perforated and can easily be photocopied by the teacher for distribution or entire workbooks can be given to individuals.

Review the activity instructions together, and then allow students to complete the exercises individually or in small groups. Review the answers together, explaining concepts students appear to have trouble understanding.

This series of Traffic Safety materials was produced by:

**AAA Traffic Safety Programs
AAA National Office
Heathrow, Florida 32746**

Note to Parents

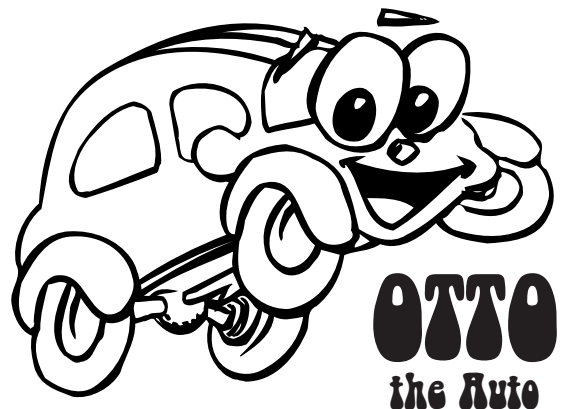
You're the biggest influence on your children and their attitudes toward everything including traffic safety. Show them their safety matters to you as much as it should to them.

AAA encourages you to take an active role in your child's traffic safety education. By being a good role model and discussing important safety concepts with your children, you'll be teaching them skills that could save their lives.

When your child brings home traffic safety education materials from school:

- Review the materials together.
- Ask your child to demonstrate the concepts to you.
- Model the concepts as you walk, ride, drive, and travel with your children.
- Demonstrate safe behavior all the time; never ask children to do what you say, not what you do, when it comes to safety.

Remember, the safety concepts you practice together, could save your life and theirs.



Introduces traffic safety tips!

Make a check mark next to the Traffic Safety rules.

- Walk, don't run across the street.**
- Listen to your crossing guard.**
- Try to share your toys with others.**
- Always wear your helmet.**



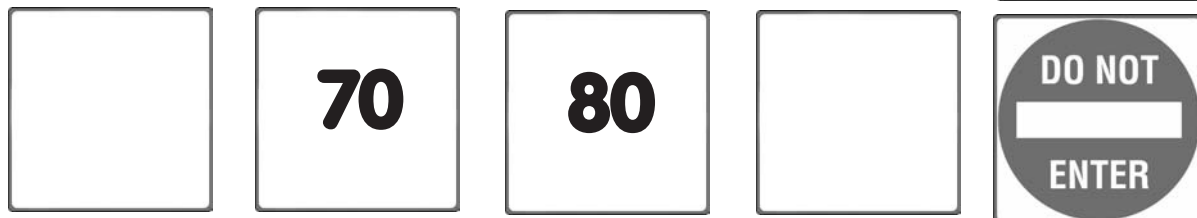
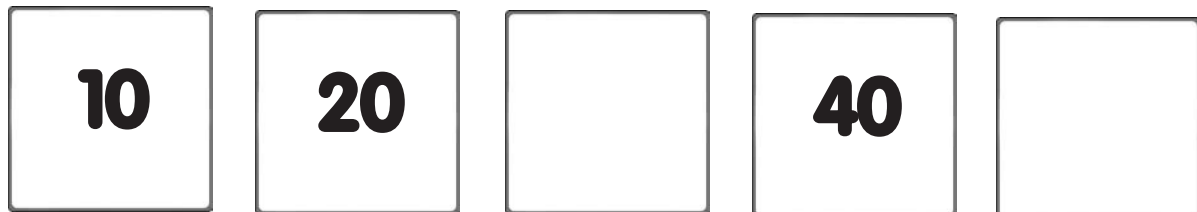
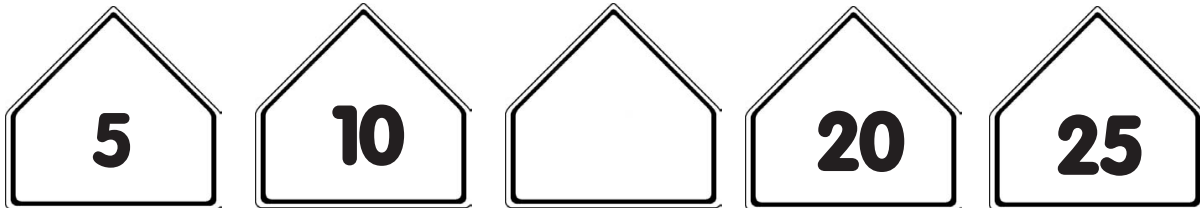
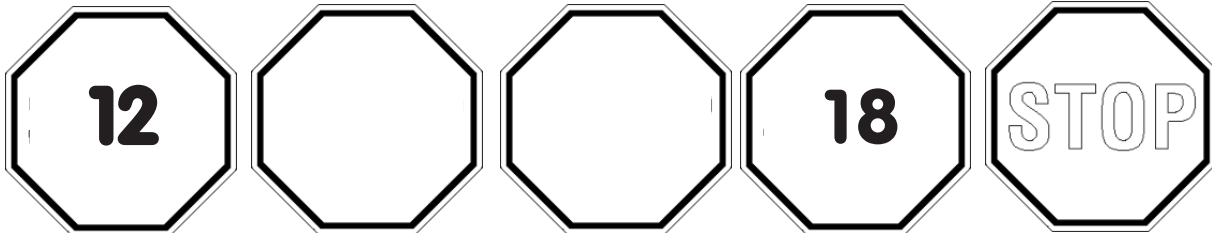
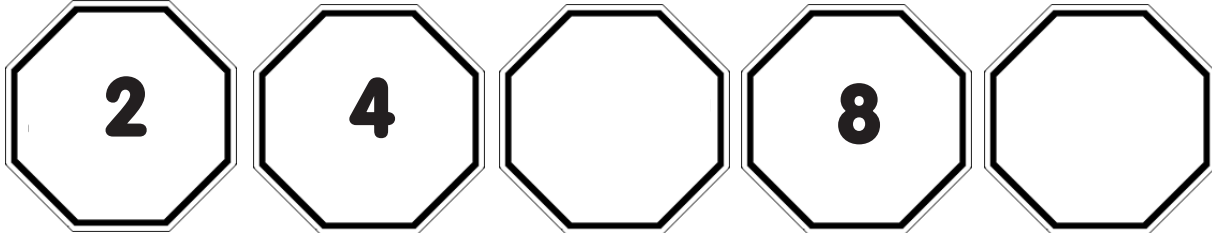
- Stop, look, and listen.**
- Go to bed when your parents tell you to.**
- Don't play near cars.**

The number of traffic safety rules = _____ If you take the answer above, subtract 2, what do you get?



Counting by 2's, 5's and 10's.

Write in the missing numbers below.

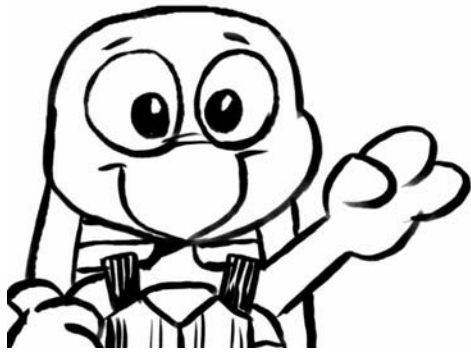


Color the signs!



Ordinal Numbers

Help Otto the Auto figure out which order his friends are in. Follow his directions below.



?



Draw a bike helmet on the first one.

Color the third one.

Draw a baseball hat on the second one.

Circle the fourth one.

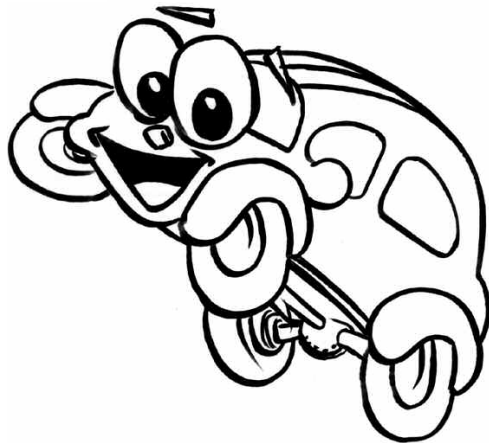




Color the third Otto blue.

Color the second Otto green.

Color the first Otto yellow.

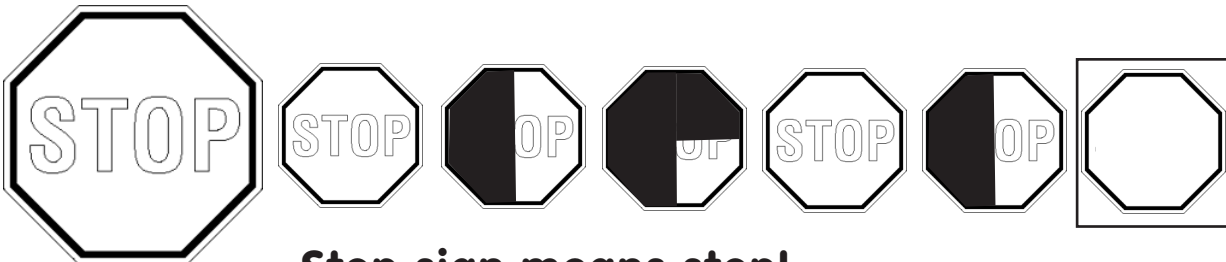


**Color the fourth
Otto purple.**

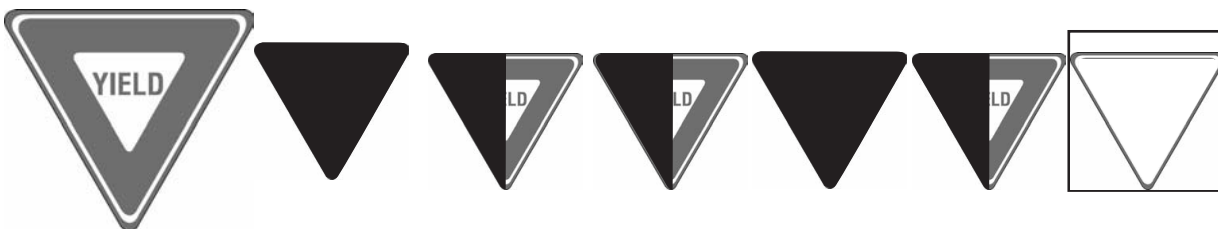


Find Patterns and Shapes

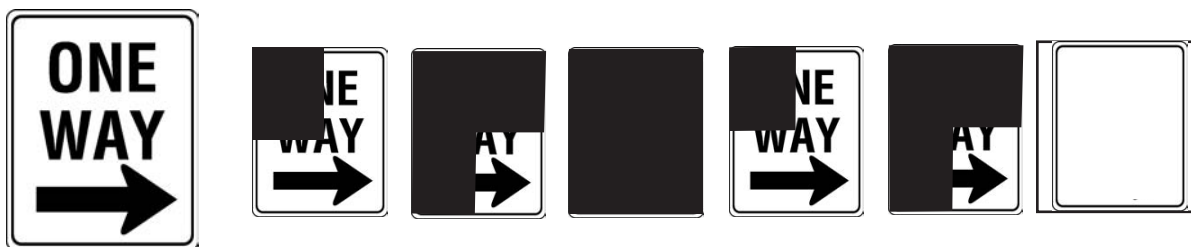
Traffic signs have shapes and words to communicate the rules and messages. Complete the pattern in each



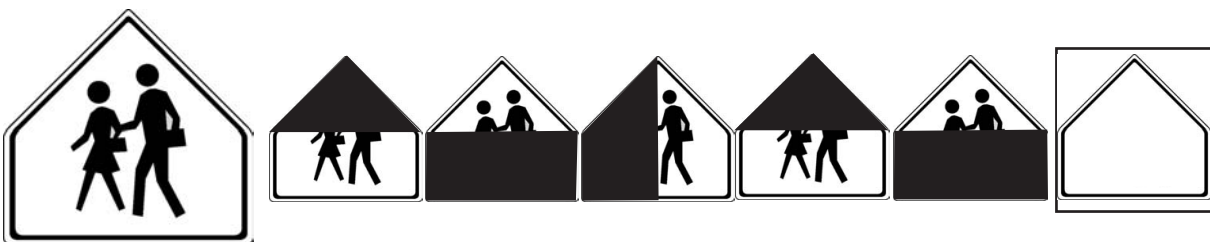
Stop sign means stop!



Yield sign means yield to traffic.



Direction signs give directions.



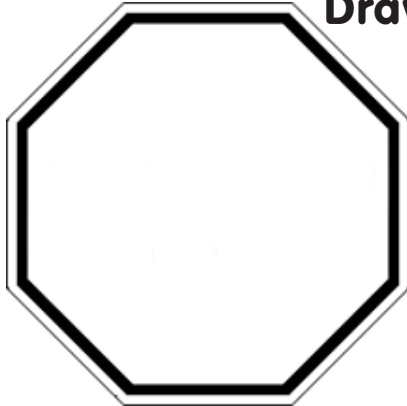
School zone signs are posted around the schools. They are there to slow down traffic. Why?



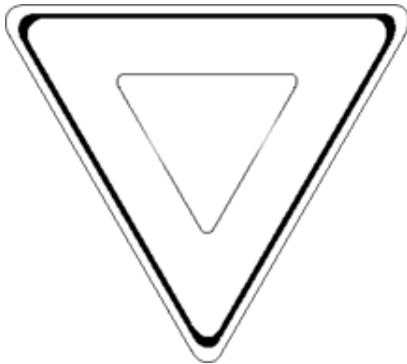
Do you know your traffic signs?

What do the following traffic sign shapes mean?

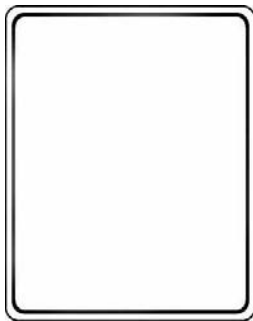
Draw a line to the meaning of the signs.



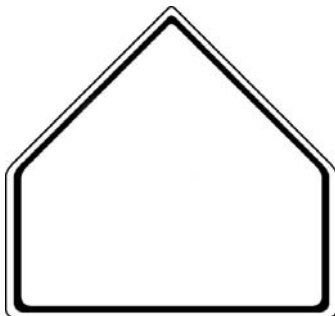
School Zone



Stop



Yield



Direction



look all ways before crossing the street

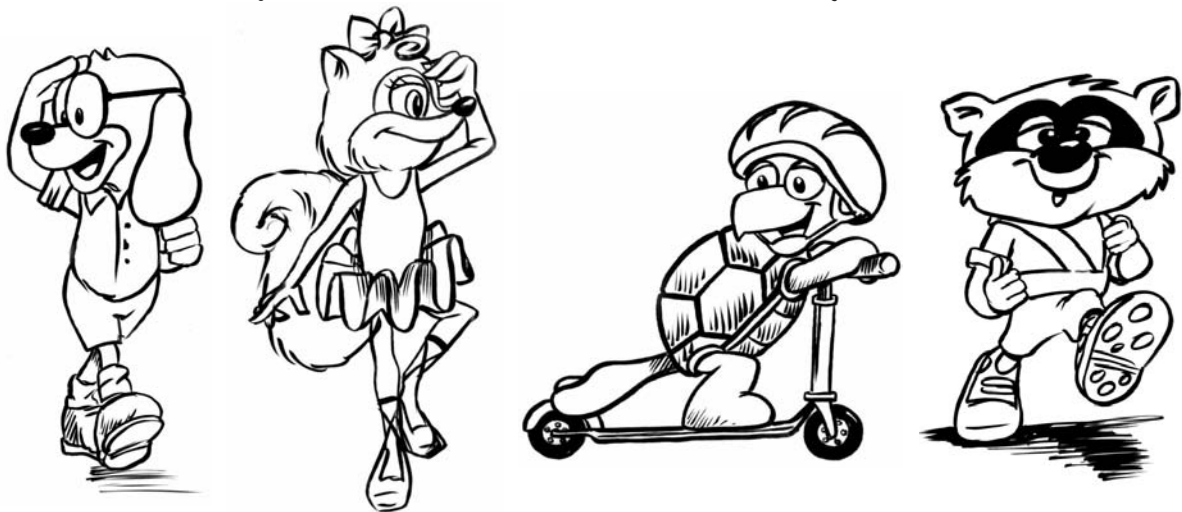
Look left, look right,
look back, look front.

Circle the second way.

Put a rectangle around the first way.

Put a diamond around the fourth way.

Put a square around the third way.



How many ways can you possibly look? _____

How many ways do you need to look? _____



Look all ways ...

$$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$$

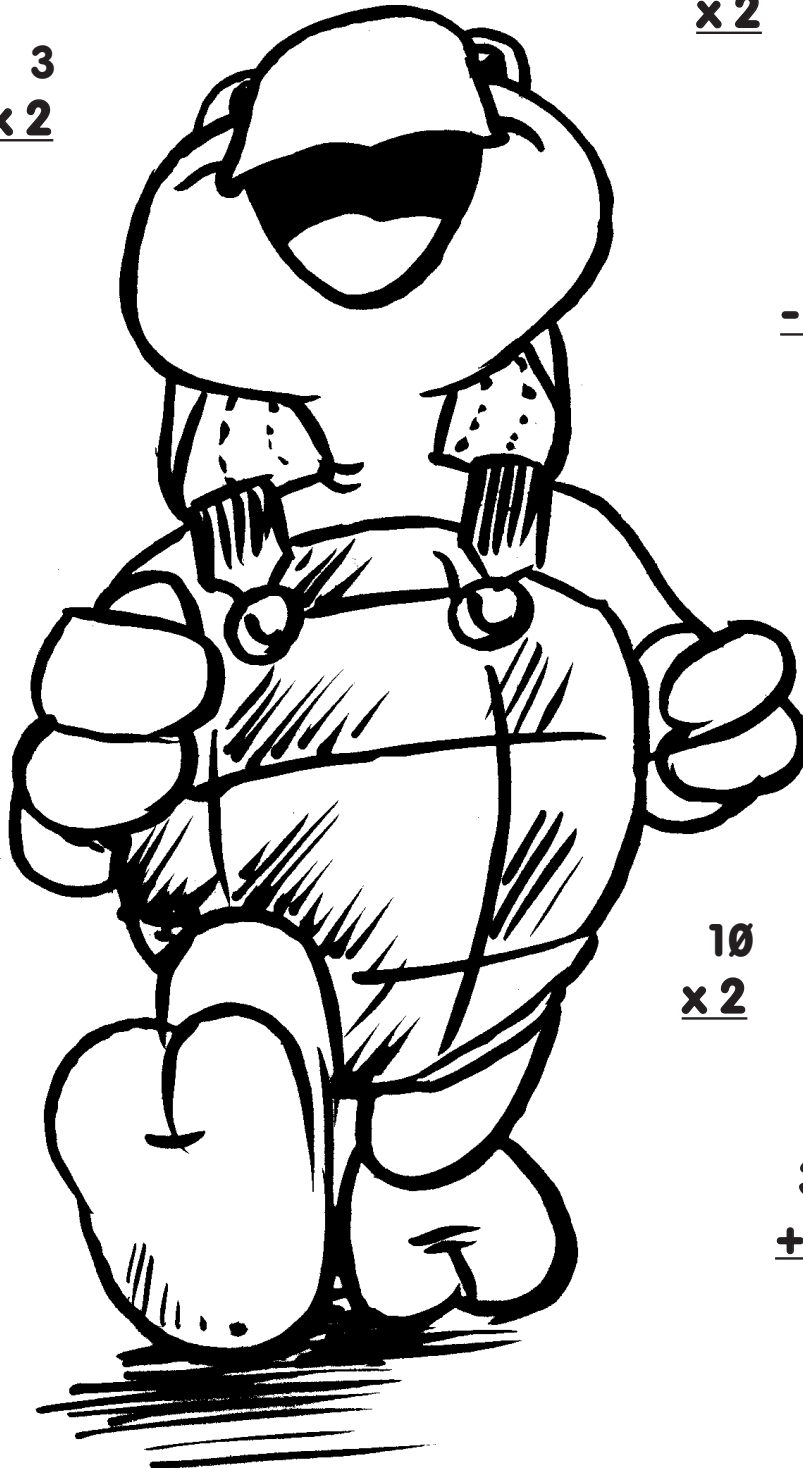
$$\begin{array}{r} 30 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ + 2 \\ \hline \end{array}$$



Always before crossing the street!



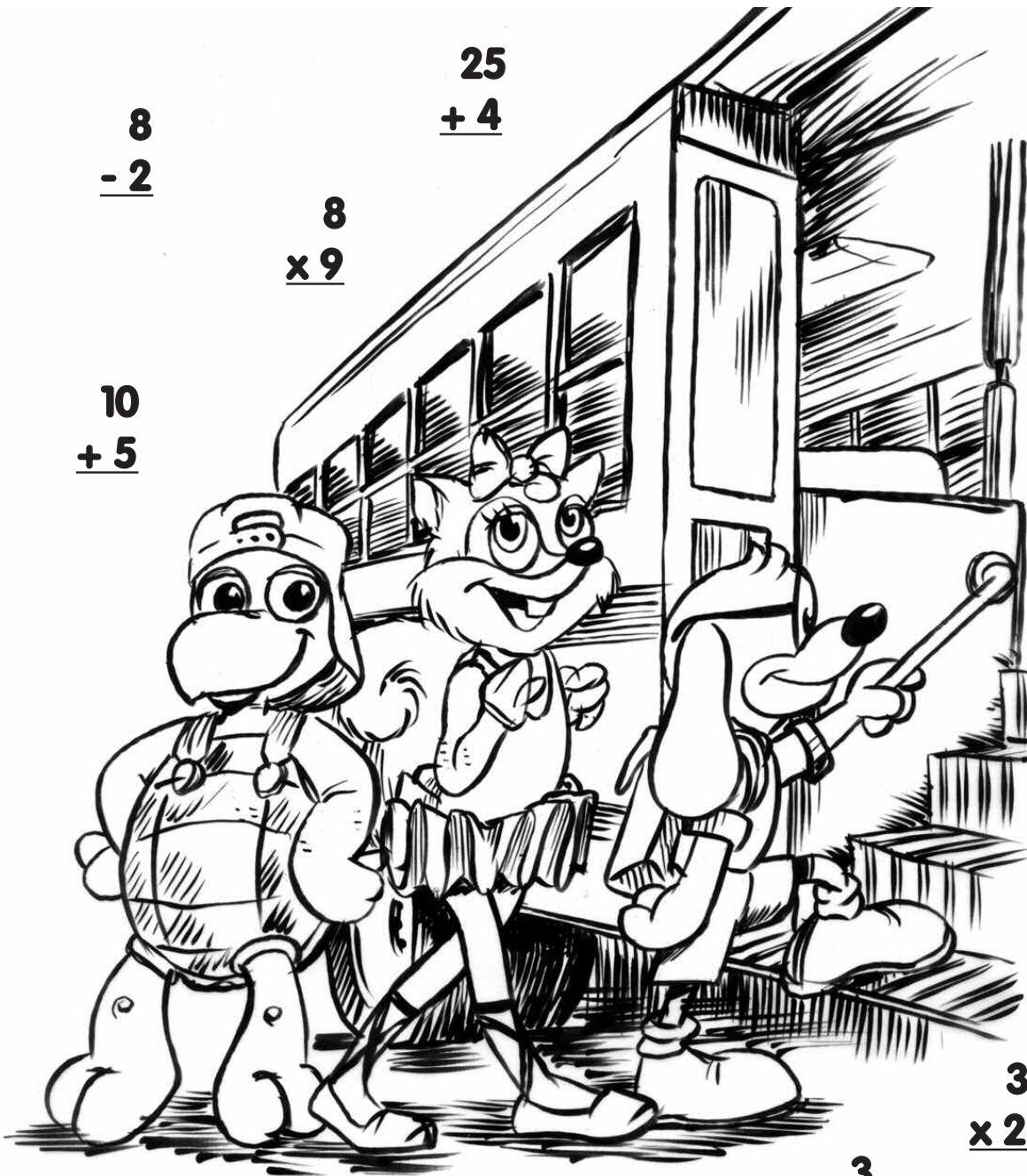
**Always stand in line while
loading the bus.**

$$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 5 \\ \hline \end{array}$$



$$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$$

**Help the group solve the math problems.
Write your answers.**



Ride with traffic

$$\begin{array}{r} 15 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$



if you ride

$$\begin{array}{r} 9 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$$



$$\begin{array}{r} 16 \\ + 1 \\ \hline \end{array}$$

on the side



$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

of the road.

$$\begin{array}{r} 15 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$$

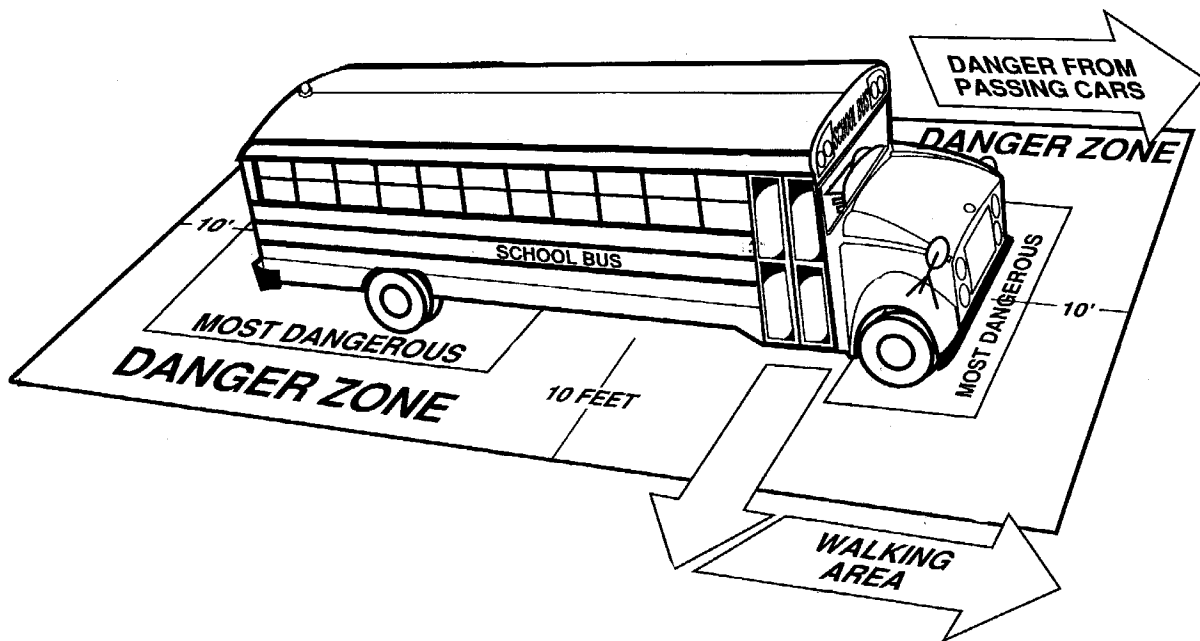
$$\begin{array}{r} 11 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 2 \\ \hline \end{array}$$

**Add, subtract, or multiply.
Circle the answers that are more than 10.**



Learn your bus danger zone!

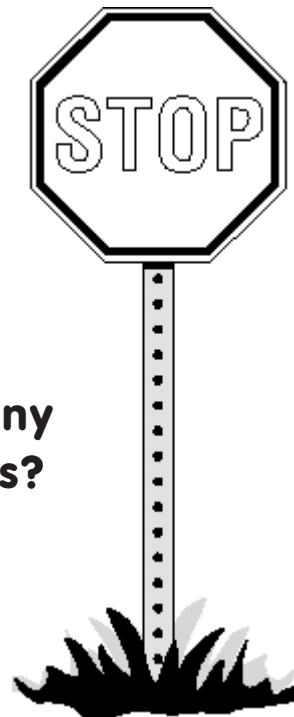


How many rectangles can you find in this picture?

How many circles?
How many triangles?



How many octagons?



Stay afloat on all your traffic safety

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

rules!

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ + 5 \\ \hline \end{array}$$

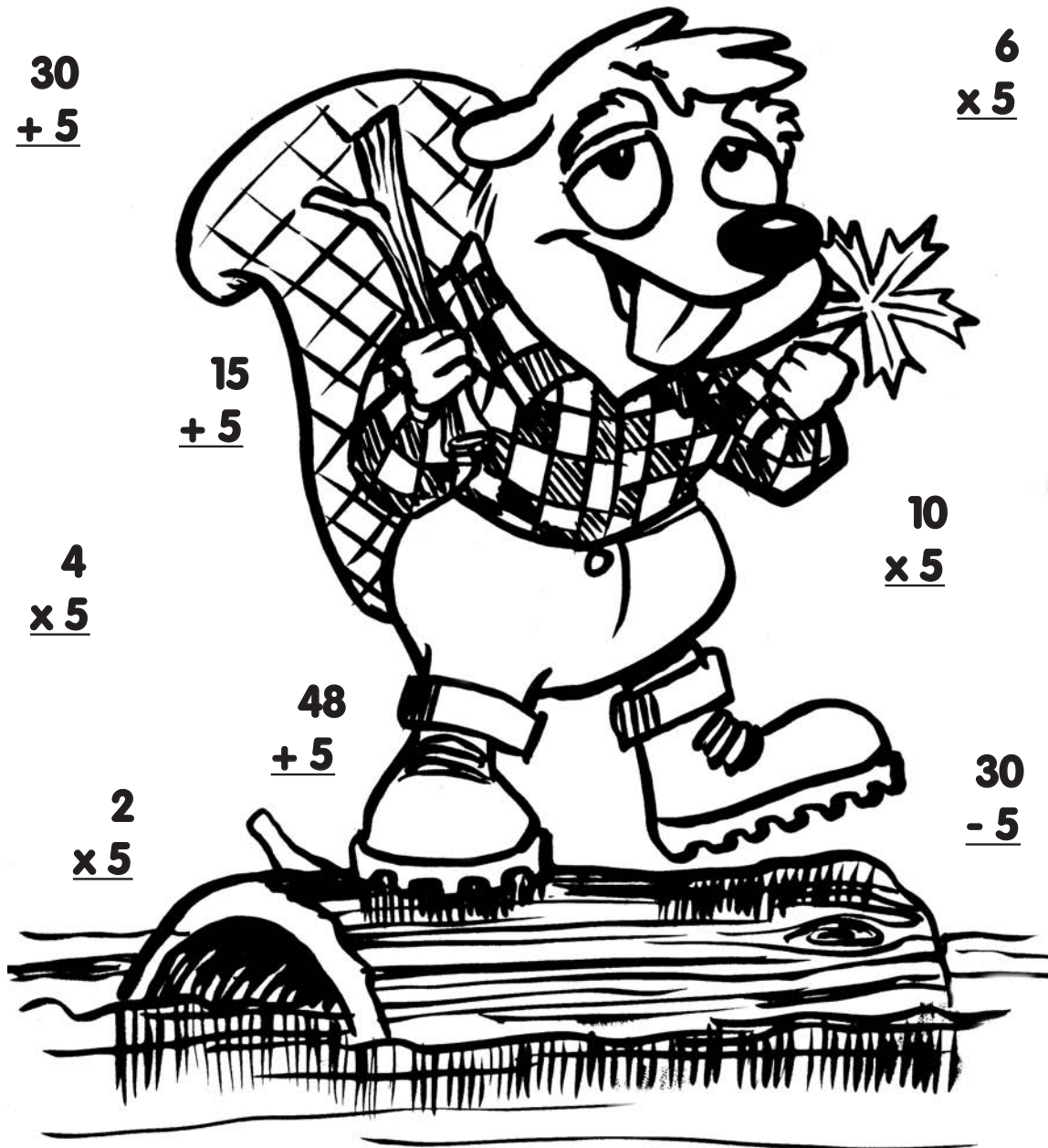
$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ - 5 \\ \hline \end{array}$$



Help Andre the Beaver solve the math problems.



Traffic related accidents are the leading cause of death for children ages 6 to 14!

The Problem

Motor-vehicle crashes are the leading cause of death and injury for American children, outranking all other types of unintentional injuries and claiming more lives than any childhood disease. Young pedestrians are at a disadvantage over adults because they are shorter, have not fully developed peripheral vision, have difficulty in judging a vehicle's speed and distance and often think, if they can see the driver, the driver can see them. Not knowing how to restrain children properly in vehicles puts children at risk of serious injury or even death. Combine these factors together and children are at their greatest risk traveling to and from school than at any other time in the school day if they are not riding the school bus.

AAA understands the magnitude of this problem . . .

AAA produces a wide variety of traffic safety educational programs and products, including workbooks, traffic safety posters, videos, audiotapes, interactive CD-ROMs, and links to www.aaa.com for kids and adults. AAA wants to help children learn how to be safe pedestrians and protect themselves as passengers in motor vehicles. Designed to entertain as well as teach, these cross-curriculum traffic safety educational materials, will help teach children valuable lessons, which could truly save their lives.

Traffic Safety Facts *

- Of the young pedestrian fatalities, 84 percent occurred at non-intersection locations.
- More than 21 percent of the traffic fatalities in the 0-14 age group were pedestrians.
- Over 40 percent of young pedestrian fatalities occurred between 4:00 and 8:00 p.m.
- Every day, 7 children between the ages of 0 to 14 are killed in motor vehicle crashes.
- Every day, 872 children are injured in motor vehicle crashes.
- Of the 550 children under age 5 killed in motor vehicle crashes, 53 percent were totally unrestrained.
- Children 14 years old and under accounted for 26 percent of the pedalcyclists killed in motor vehicle crashes.
- Of the pedalcyclists injured in motor vehicle crashes, 39 percent were under 15 years old.
- The use of bicycle helmets is the single most effective countermeasure available to reduce head injuries and fatalities resulting from bicycle crashes.

Tips for Parents:

- Have children ride in the back seat in the appropriate restraint system.
- Walk your children to school the first few days to ensure they know the safest route.
- Explain why it is important to cross only at crosswalks and to look left-right-left before entering a crosswalk.
- Teach your children where the safe places to play are.
- Teach your children what to do in an emergency.
- Ensure children know their address and phone number in case they get lost.
- Just slow down.
- Leave a few minutes early each day in anticipation of a child crossing the street, a school bus picking up/dropping off children or your route takes you through a school zone.
- Expect the unexpected - anticipate a child darting across the street mid-block, entering the roadway from between parked cars, or riding a bicycle against traffic.
- Stop for the stopped school bus - don't try to go around.

* Statistics from National Highway Traffic Safety Administration's Traffic Safety Facts

