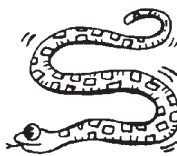


SPEEDY MATH PRACTICE

Multiplication

40 Five-Minute Independent Practice Pages That
Help Kids Build Automaticity With Multiplication Facts



by Eric Charlesworth

New York • Toronto • London • Auckland • Sydney
Mexico City • New Delhi • Hong Kong • Buenos Aires

**Teaching
Resources**

To Liza and Justin, who always have to multiply by two.



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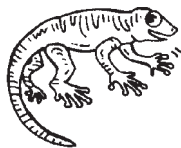
1 2 3 4 5 6 7 8 9 10 40 11 10 09 08 07 06 05 04



CONTENTS

Introduction 4

Success Chart 5



RACES 1-10: 6

The Times Table 1-10, one race for each number
(in partial order)



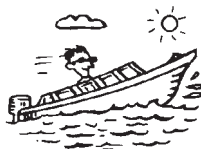
RACES 11-20: 16

The Times Table 1-10, one race for each number
(in random order)



RACES 21-30: 26

The Times Table 1-12, mixed practice



RACES 31-40 (SUPER CHALLENGE RACES): . . . 36

The Times Table 1-12, mixed practice

Answer Key. 46

INTRODUCTION

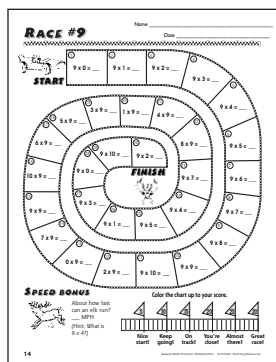


Whether they are racing around the gymnasium or building something in the classroom, students love doing things quickly. Now there's a way to combine students' love of speed with multiplication. Welcome to *Speedy Math Practice*—40 super-fun practice pages for students to complete in a race against the clock! Each page features 30 basic multiplication problems in a spiral "racetrack." This engaging format motivates students to improve their score with every race—leading to automaticity with multiplication facts.

Automaticity not only gives students more confidence in their math abilities, but it also allows teachers to spend more time on higher-level math content.

The National Council for Teachers of Mathematics (NCTM) stresses the importance of computational fluency in *Principles and Standards for School Mathematics* (NCTM, 2000). Students in grades 3–5 "should develop fluency with basic number combinations for multiplication and division," and "should be able to solve many problems mentally." The math races in this book provide students with the repeated practice they need to help them master the times table. This mastery builds the foundation for computational fluency in multiplication, which will help them on homework, on standardized tests, and in real-life applications.

HOW TO USE THIS BOOK



The 40 reproducible practice pages in this book are arranged in order of difficulty, starting with races that focus on one number at a time—from 1 to 10—and moving on to mixed practice of facts from 1 to 12. There are many ways you can use these practice pages: for individual practice, small groups, or whole class activities. Choose a page with an appropriate level of difficulty for your students. Once you have explained the purpose of the race, use a stopwatch, egg timer, or classroom clock to time students as they complete as many problems as they can in a five-minute period (or another amount of time).

When time is up, invite students to check their own papers. Explain that they should award one point for each correct answer. Once they tally their score, students can fill in the chart at the bottom of the page. Give students each a copy of the Success Chart on page 5 so they can show their progress on all 40 races. Show them how to shade the bar graph with the number of problems they answered correctly on each race. To help students improve their score, you might have them make flash cards of the problems they solved incorrectly before moving on to the next race.

By the time students have finished all the races in this book, they will have had repeated practice with basic number combinations in multiplication. Mastering the basic number combinations will allow students to mentally compute more difficult problems with greater ease and accuracy. In the end, students will remember the fun they had speeding their way around the multiplication racetrack, while you'll know the distance they've traveled on the way to automaticity and success in math!



Chart your success! Shade the boxes to show your score on each race.

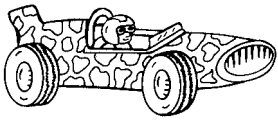
[illegible]

RACE NUMBER

RACE #1

Name _____

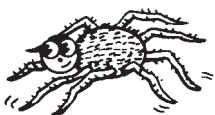
Date _____



START

① $1 \times 0 = \underline{\quad}$	② $1 \times 1 = \underline{\quad}$	③ $1 \times 2 = \underline{\quad}$	④ $1 \times 3 = \underline{\quad}$
⑤ $1 \times 4 = \underline{\quad}$	⑥ $1 \times 5 = \underline{\quad}$	⑦ $1 \times 6 = \underline{\quad}$	⑧ $1 \times 7 = \underline{\quad}$
⑨ $1 \times 8 = \underline{\quad}$	⑩ $1 \times 9 = \underline{\quad}$	⑪ $1 \times 10 = \underline{\quad}$	⑫ $1 \times 3 = \underline{\quad}$
⑬ $0 \times 1 = \underline{\quad}$	⑭ $1 \times 6 = \underline{\quad}$	⑮ $1 \times 8 = \underline{\quad}$	⑯ $1 \times 4 = \underline{\quad}$
⑰ $1 \times 10 = \underline{\quad}$	⑱ $1 \times 2 = \underline{\quad}$	⑲ $5 \times 1 = \underline{\quad}$	⑳ $1 \times 9 = \underline{\quad}$
㉑ $1 \times 7 = \underline{\quad}$	㉒ $1 \times 1 = \underline{\quad}$	㉓ $7 \times 1 = \underline{\quad}$	㉔ $2 \times 1 = \underline{\quad}$
㉕ $4 \times 1 = \underline{\quad}$	㉖ $10 \times 1 = \underline{\quad}$	㉗ $6 \times 1 = \underline{\quad}$	㉘ $9 \times 1 = \underline{\quad}$
㉙ $3 \times 1 = \underline{\quad}$	㉚ $8 \times 1 = \underline{\quad}$	FINISH 	

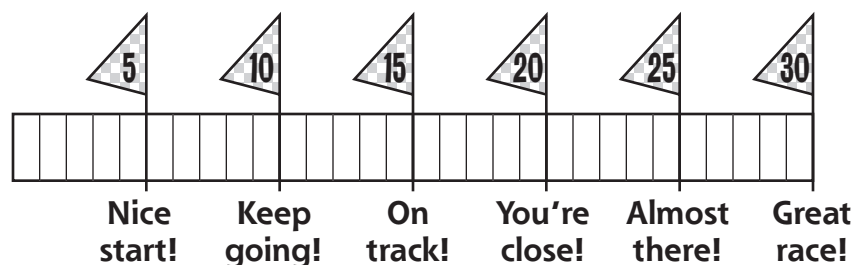
SPEED BONUS



About how fast do most spiders crawl?
 ___ MPH

(Hint: What is 1×1 ?)

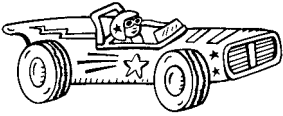
Color the chart up to your score.



Name _____

Date _____

RACE #2



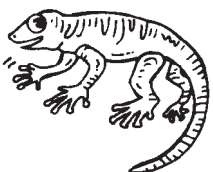
START

① $2 \times 0 = \underline{\quad}$	② $2 \times 1 = \underline{\quad}$	③ $2 \times 2 = \underline{\quad}$	④ $2 \times 3 = \underline{\quad}$
⑤ $2 \times 4 = \underline{\quad}$	⑥ $2 \times 5 = \underline{\quad}$	⑦ $2 \times 6 = \underline{\quad}$	⑧ $2 \times 7 = \underline{\quad}$
⑨ $2 \times 8 = \underline{\quad}$	⑩ $2 \times 9 = \underline{\quad}$	⑪ $2 \times 10 = \underline{\quad}$	⑫ $3 \times 2 = \underline{\quad}$
⑬ $0 \times 2 = \underline{\quad}$	⑭ $8 \times 2 = \underline{\quad}$	⑮ $4 \times 2 = \underline{\quad}$	⑯ $9 \times 2 = \underline{\quad}$
⑰ $5 \times 2 = \underline{\quad}$	⑱ $1 \times 2 = \underline{\quad}$	⑲ $6 \times 2 = \underline{\quad}$	⑳ $2 \times 2 = \underline{\quad}$
㉑ $7 \times 2 = \underline{\quad}$	㉒ $10 \times 2 = \underline{\quad}$	㉓ $2 \times 7 = \underline{\quad}$	㉔ $2 \times 9 = \underline{\quad}$
㉕ $2 \times 4 = \underline{\quad}$	㉖ $2 \times 10 = \underline{\quad}$	㉗ $2 \times 5 = \underline{\quad}$	㉘ $2 \times 1 = \underline{\quad}$
㉙ $2 \times 6 = \underline{\quad}$	㉚ $2 \times 8 = \underline{\quad}$	㉛ $2 \times 6 = \underline{\quad}$	㉜ $2 \times 8 = \underline{\quad}$

FINISH



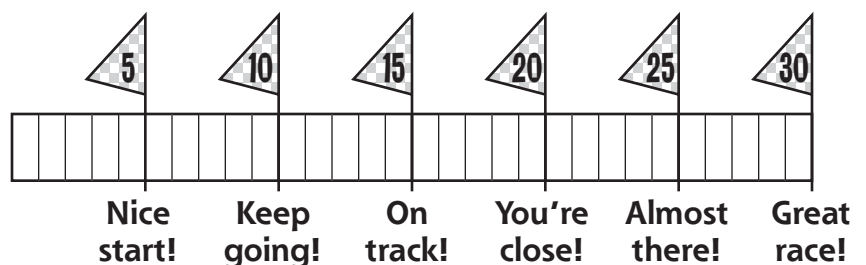
SPEED BONUS



About how fast can the fastest lizards crawl? MPH

(Hint: What is 2×8 ?)

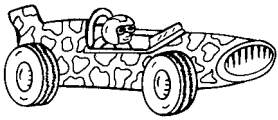
Color the chart up to your score.



RACE #3

Name _____

Date _____



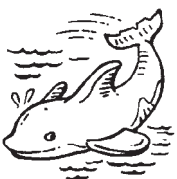
START

① $3 \times 0 = \underline{\quad}$	② $3 \times 1 = \underline{\quad}$	③ $3 \times 2 = \underline{\quad}$	④ $3 \times 3 = \underline{\quad}$
⑤ $3 \times 4 = \underline{\quad}$	⑥ $3 \times 5 = \underline{\quad}$	⑦ $3 \times 6 = \underline{\quad}$	⑧ $3 \times 7 = \underline{\quad}$
⑨ $3 \times 8 = \underline{\quad}$	⑩ $3 \times 9 = \underline{\quad}$	⑪ $3 \times 10 = \underline{\quad}$	⑫ $3 \times 3 = \underline{\quad}$
⑬ $4 \times 3 = \underline{\quad}$	⑭ $2 \times 3 = \underline{\quad}$	⑮ $10 \times 3 = \underline{\quad}$	⑯ $7 \times 3 = \underline{\quad}$
⑰ $1 \times 3 = \underline{\quad}$	⑱ $6 \times 3 = \underline{\quad}$	⑲ $8 \times 3 = \underline{\quad}$	⑲ $5 \times 3 = \underline{\quad}$
⑳ $3 \times 2 = \underline{\quad}$	㉑ $3 \times 6 = \underline{\quad}$	㉒ $0 \times 3 = \underline{\quad}$	㉓ $3 \times 7 = \underline{\quad}$
㉔ $3 \times 4 = \underline{\quad}$	㉕ $3 \times 8 = \underline{\quad}$	㉖ $3 \times 0 = \underline{\quad}$	㉗ $3 \times 10 = \underline{\quad}$
㉘ $3 \times 10 = \underline{\quad}$	㉙ $3 \times 3 = \underline{\quad}$	㉚ $9 \times 3 = \underline{\quad}$	㉛ $4 \times 3 = \underline{\quad}$

FINISH



SPEED BONUS

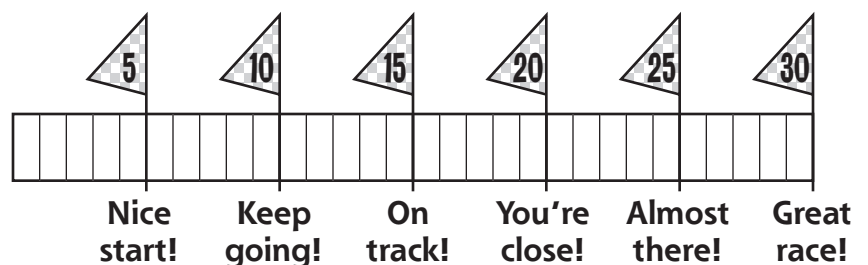


About how fast can a killer whale swim?

____ MPH

(Hint: What is 3×10 ?)

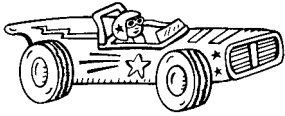
Color the chart up to your score.



RACE #4

Name _____

Date _____



START

① $4 \times 0 = \underline{\quad}$	② $4 \times 1 = \underline{\quad}$	③ $4 \times 2 = \underline{\quad}$	④ $4 \times 3 = \underline{\quad}$
⑤ $4 \times 4 = \underline{\quad}$	⑥ $4 \times 5 = \underline{\quad}$	⑦ $4 \times 6 = \underline{\quad}$	⑧ $4 \times 7 = \underline{\quad}$
⑨ $4 \times 8 = \underline{\quad}$	⑩ $4 \times 9 = \underline{\quad}$	⑪ $4 \times 10 = \underline{\quad}$	⑫ $7 \times 4 = \underline{\quad}$
⑬ $2 \times 4 = \underline{\quad}$	⑭ $1 \times 4 = \underline{\quad}$	⑮ $8 \times 4 = \underline{\quad}$	⑯ $10 \times 4 = \underline{\quad}$
⑰ $0 \times 4 = \underline{\quad}$	⑱ $6 \times 4 = \underline{\quad}$	⑲ $5 \times 4 = \underline{\quad}$	⑳ $3 \times 4 = \underline{\quad}$
㉑ $4 \times 2 = \underline{\quad}$	㉒ $4 \times 8 = \underline{\quad}$	㉓ $4 \times 4 = \underline{\quad}$	㉔ $4 \times 1 = \underline{\quad}$
㉕ $4 \times 0 = \underline{\quad}$	㉖ $4 \times 10 = \underline{\quad}$	㉗ $4 \times 4 = \underline{\quad}$	㉘ $4 \times 9 = \underline{\quad}$
㉙ $4 \times 7 = \underline{\quad}$	㉚ $4 \times 1 = \underline{\quad}$	㉛ $4 \times 9 = \underline{\quad}$	㉜ $4 \times 1 = \underline{\quad}$

FINISH

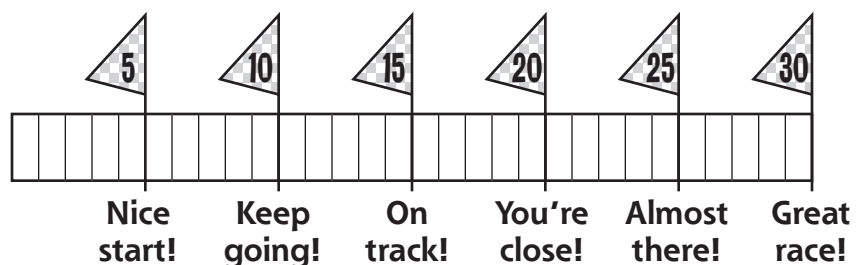
SPEED BONUS



About how fast
can a mouse run?
____ MPH

(Hint: What is
 4×2 ?)

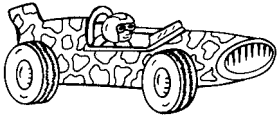
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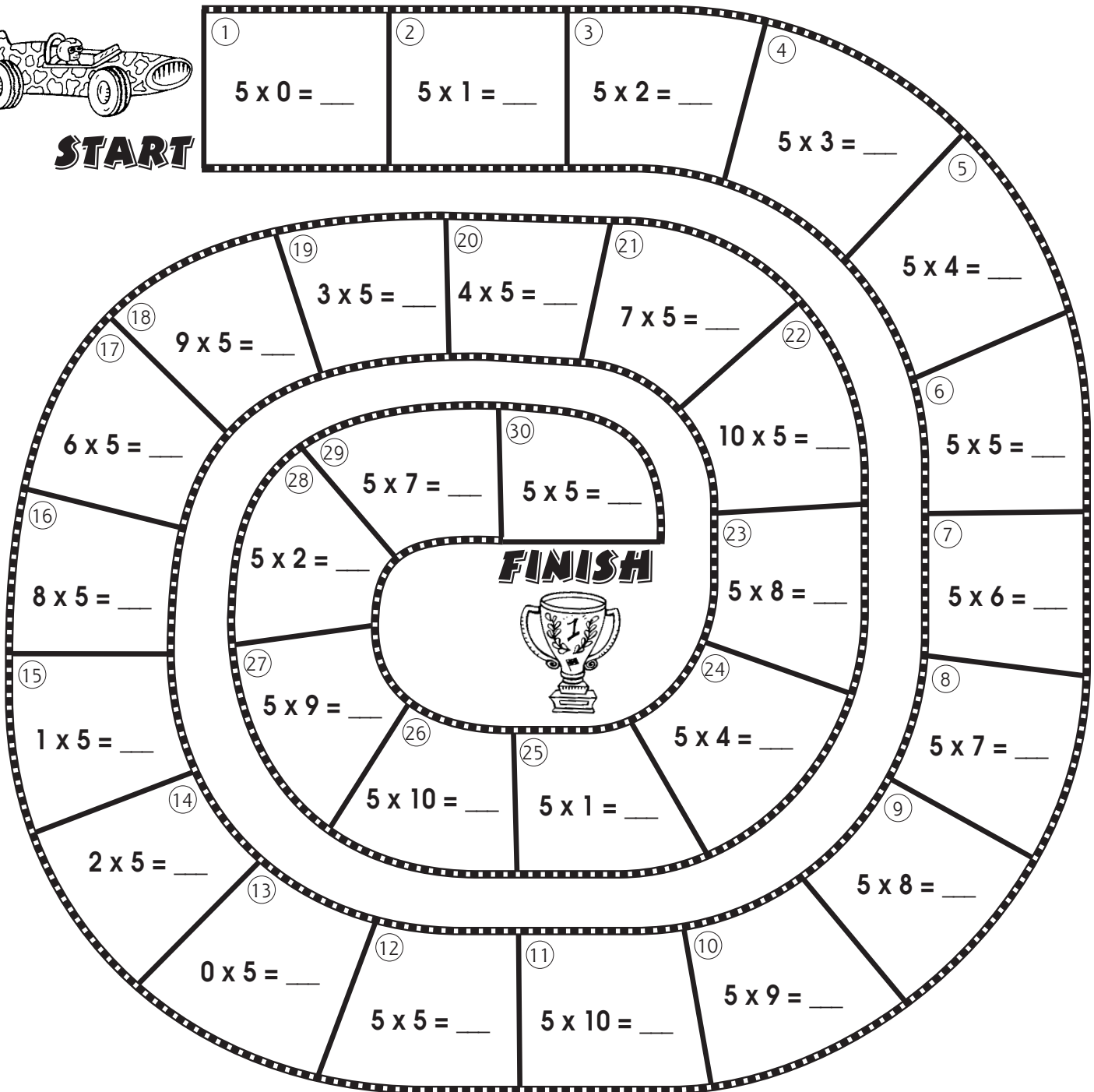
Name _____

Date _____

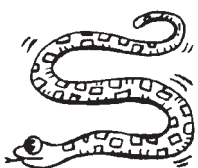
RACE #5



START



SPEED BONUS

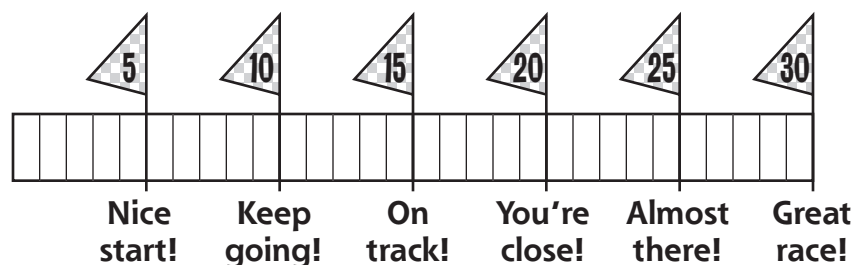


About how fast
can the speediest
snake slither?

___ MPH

(Hint: What is 5×2 ?)

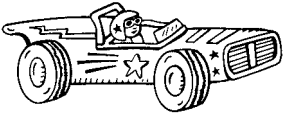
Color the chart up to your score.



Name _____

Date _____

RACE #6



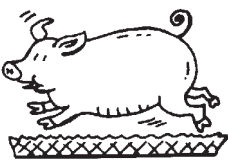
START

① $6 \times 0 = \underline{\quad}$	② $6 \times 1 = \underline{\quad}$	③ $6 \times 2 = \underline{\quad}$	④ $6 \times 3 = \underline{\quad}$
⑤ $6 \times 4 = \underline{\quad}$	⑥ $6 \times 5 = \underline{\quad}$	⑦ $6 \times 6 = \underline{\quad}$	⑧ $6 \times 7 = \underline{\quad}$
⑨ $6 \times 8 = \underline{\quad}$	⑩ $6 \times 9 = \underline{\quad}$	⑪ $6 \times 10 = \underline{\quad}$	⑫ $2 \times 6 = \underline{\quad}$
⑬ $8 \times 6 = \underline{\quad}$	⑭ $9 \times 6 = \underline{\quad}$	⑮ $1 \times 6 = \underline{\quad}$	⑯ $10 \times 6 = \underline{\quad}$
⑰ $4 \times 6 = \underline{\quad}$	⑱ $5 \times 6 = \underline{\quad}$	⑲ $3 \times 6 = \underline{\quad}$	⑳ $0 \times 6 = \underline{\quad}$
㉑ $7 \times 6 = \underline{\quad}$	㉒ $6 \times 6 = \underline{\quad}$	㉓ $6 \times 7 = \underline{\quad}$	㉔ $6 \times 8 = \underline{\quad}$
㉕ $6 \times 2 = \underline{\quad}$	㉖ $6 \times 1 = \underline{\quad}$	㉗ $6 \times 10 = \underline{\quad}$	㉘ $6 \times 3 = \underline{\quad}$
㉙ $6 \times 4 = \underline{\quad}$	㉚ $6 \times 6 = \underline{\quad}$	㉛ $6 \times 7 = \underline{\quad}$	㉜ $6 \times 10 = \underline{\quad}$

FINISH



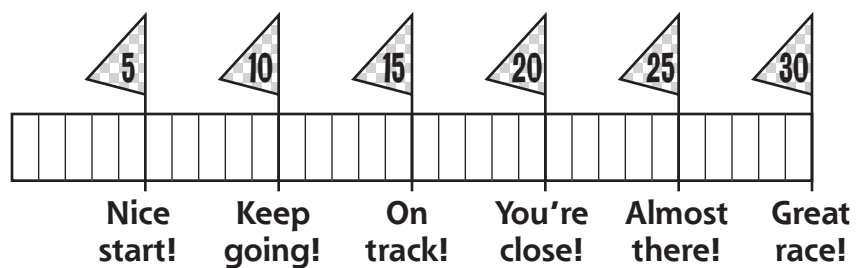
SPEED BONUS



About how fast
can a pig run?
____ MPH

(Hint: What is
 6×2 ?)

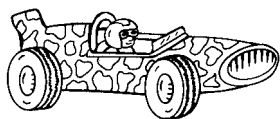
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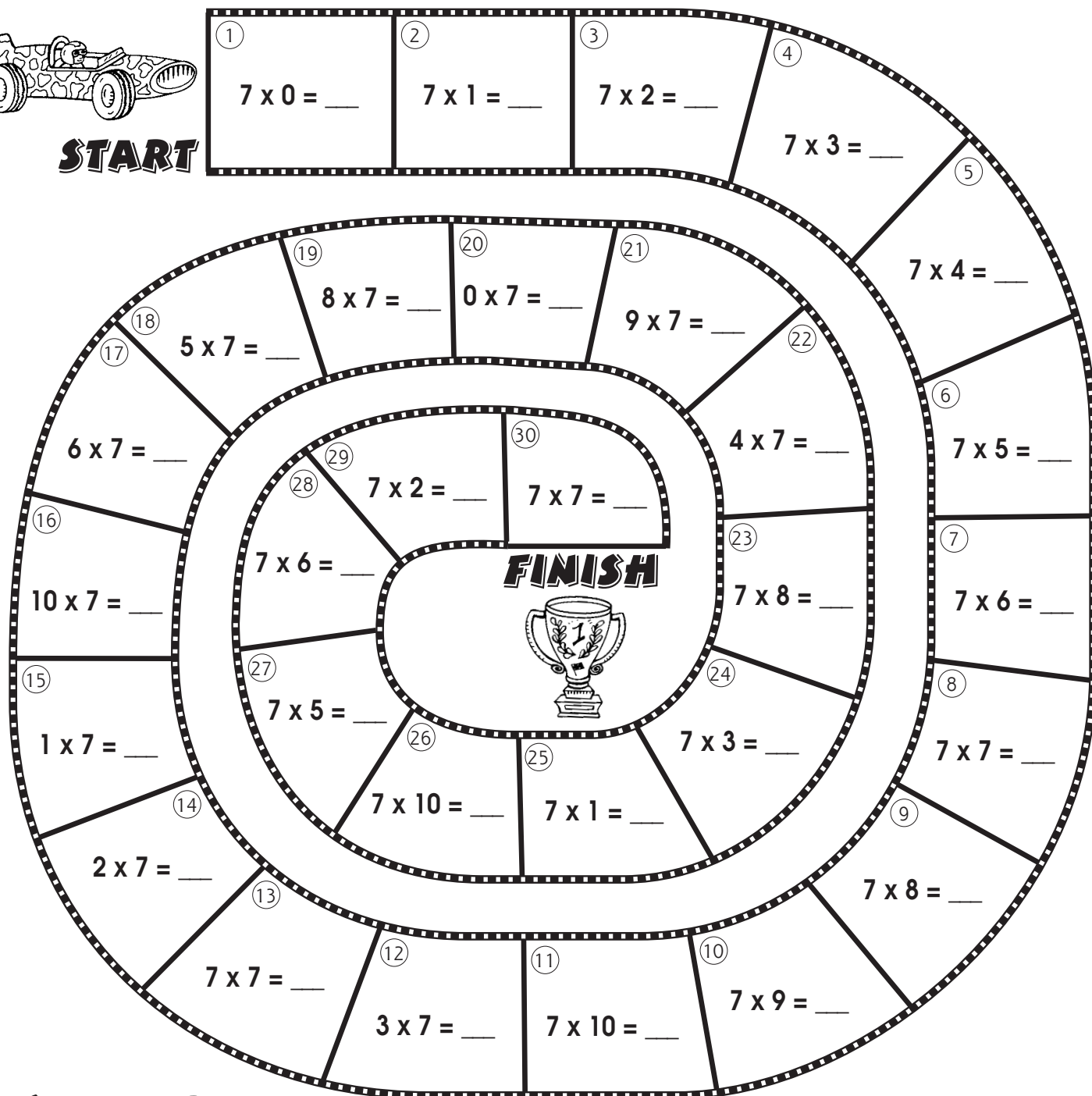
Name _____

Date _____

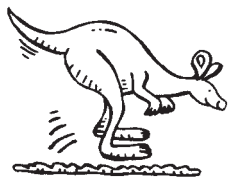
RACE #7



START



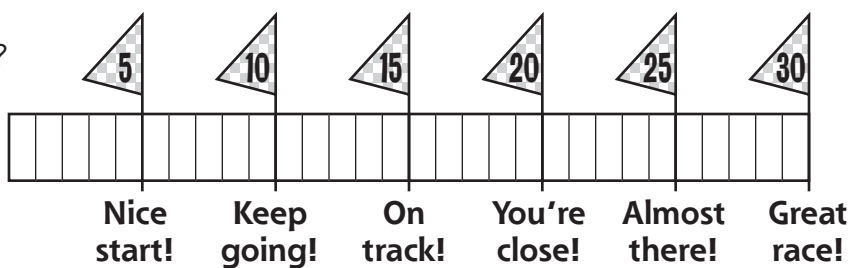
SPEED BONUS



About how fast can
a gray kangaroo hop?
___ MPH

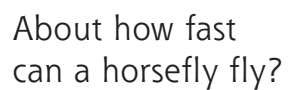
(Hint: What is
 7×4 ?)

Color the chart up to your score.



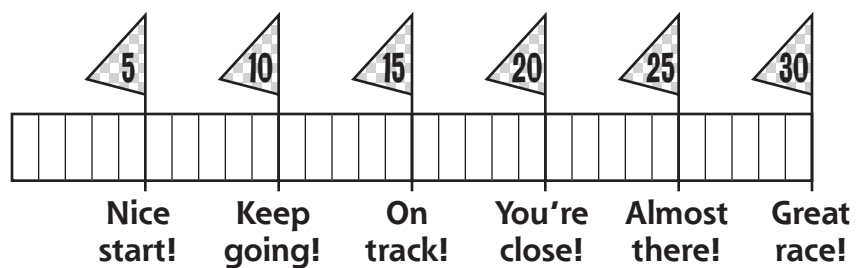


SPEED BONUS



(Hint: What is 8×1 ?)

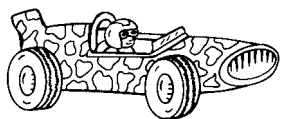
Color the chart up to your score.



RACE #9

Name _____

Date _____



START

① $9 \times 0 = \underline{\quad}$	② $9 \times 1 = \underline{\quad}$	③ $9 \times 2 = \underline{\quad}$	④ $9 \times 3 = \underline{\quad}$
⑤ $9 \times 4 = \underline{\quad}$	⑥ $9 \times 5 = \underline{\quad}$	⑦ $9 \times 6 = \underline{\quad}$	⑧ $9 \times 7 = \underline{\quad}$
⑨ $9 \times 8 = \underline{\quad}$	⑩ $9 \times 9 = \underline{\quad}$	⑪ $9 \times 10 = \underline{\quad}$	⑫ $2 \times 9 = \underline{\quad}$
⑬ $0 \times 9 = \underline{\quad}$	⑭ $7 \times 9 = \underline{\quad}$	⑮ $9 \times 9 = \underline{\quad}$	⑯ $10 \times 9 = \underline{\quad}$
⑰ $6 \times 9 = \underline{\quad}$	⑱ $5 \times 9 = \underline{\quad}$	⑲ $3 \times 9 = \underline{\quad}$	⑳ $1 \times 9 = \underline{\quad}$
㉑ $4 \times 9 = \underline{\quad}$	㉒ $8 \times 9 = \underline{\quad}$	㉓ $9 \times 7 = \underline{\quad}$	㉔ $9 \times 4 = \underline{\quad}$
㉕ $9 \times 5 = \underline{\quad}$	㉖ $9 \times 1 = \underline{\quad}$	㉗ $9 \times 3 = \underline{\quad}$	㉘ $9 \times 0 = \underline{\quad}$
㉙ $9 \times 2 = \underline{\quad}$	㉚ $9 \times 10 = \underline{\quad}$	㉛ $9 \times 10 = \underline{\quad}$	㉜ $9 \times 2 = \underline{\quad}$

FINISH



SPEED BONUS

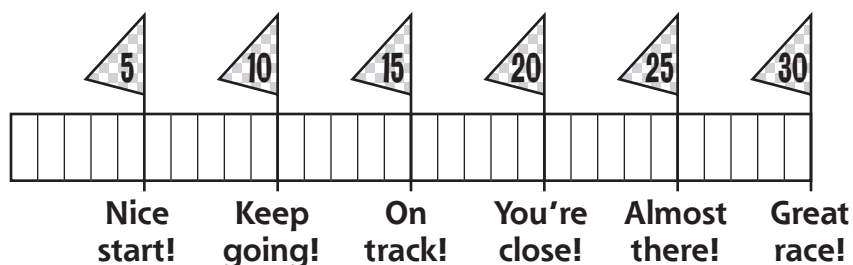


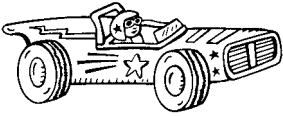
About how fast
can an elk run?

___ MPH

(Hint: What is
 9×4 ?)

Color the chart up to your score.

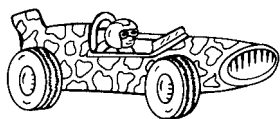




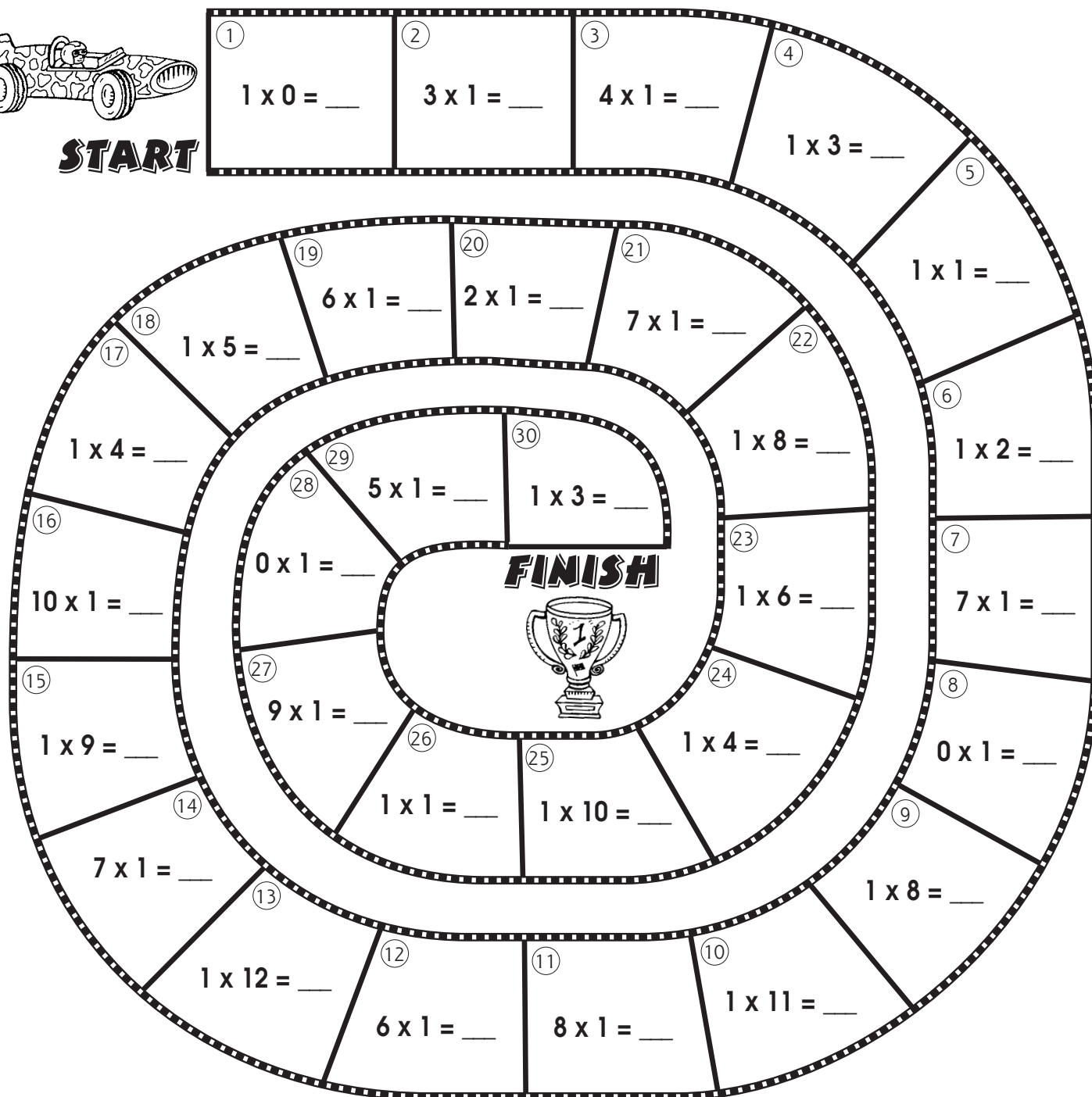
Name _____

Date _____

RACE #11



START

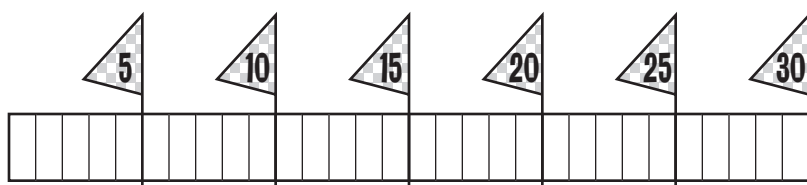


SPEED BONUS



About how fast does the fastest marathon runner run? $\underline{\quad}$ MPH
(Hint: What is 1×13 ?)

Color the chart up to your score.



Nice
start!

Keep
going!

On
track!

You're
close!

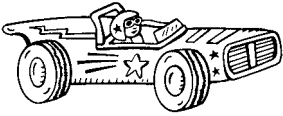
Almost
there!

Great
race!

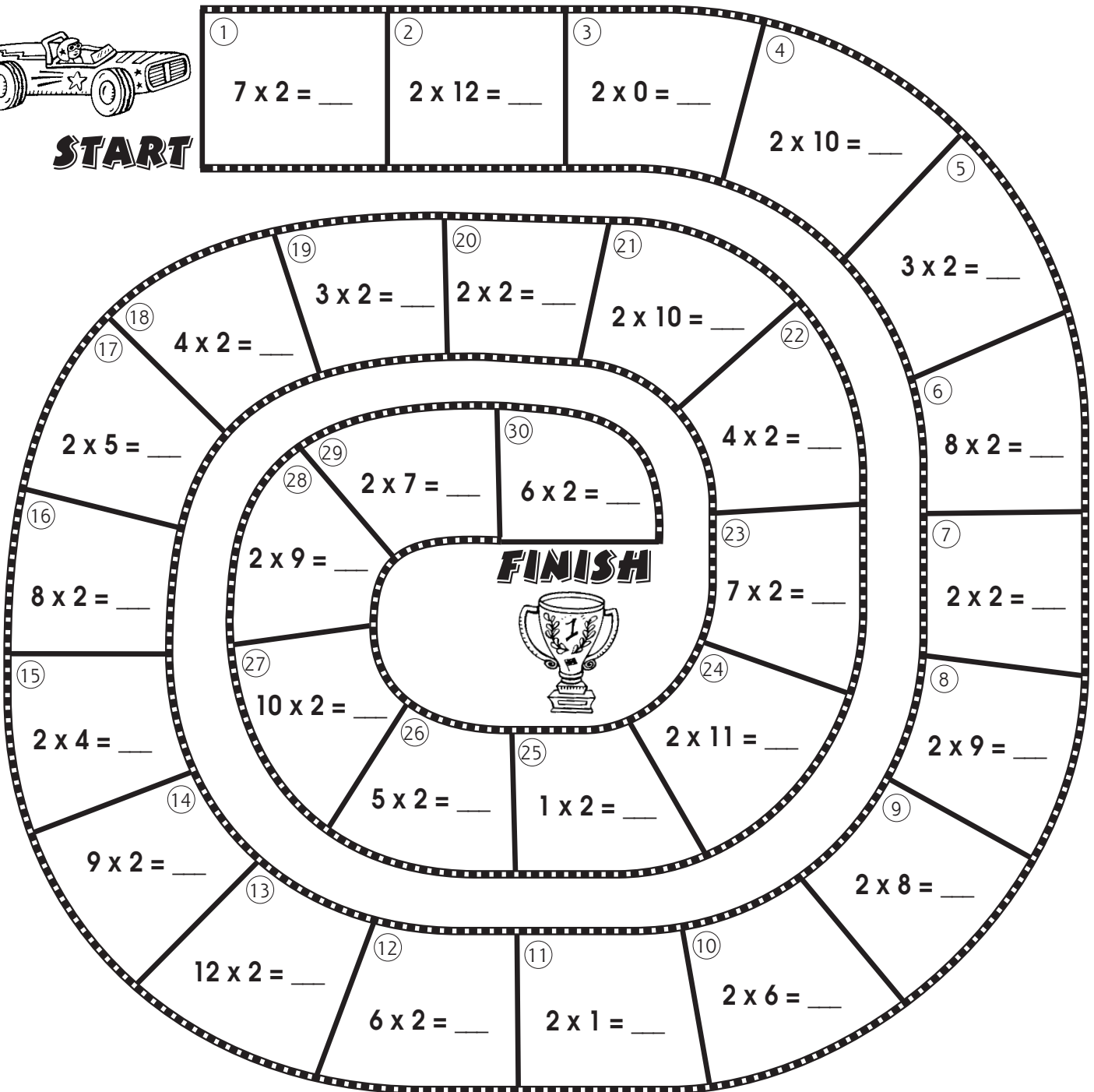
Name _____

Date _____

RACE #12



START



SPEED BONUS

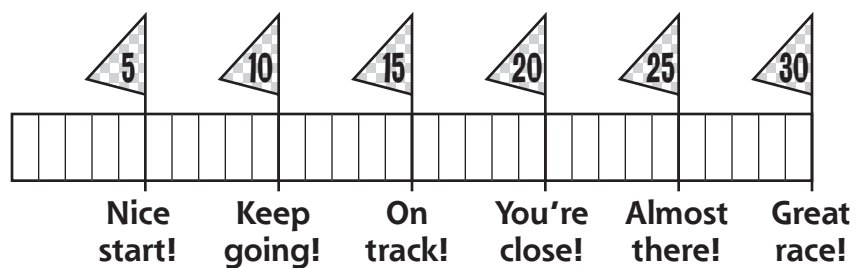


About how fast
can a squirrel run?

___ MPH

(Hint: What is
 6×2 ?)

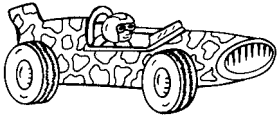
Color the chart up to your score.



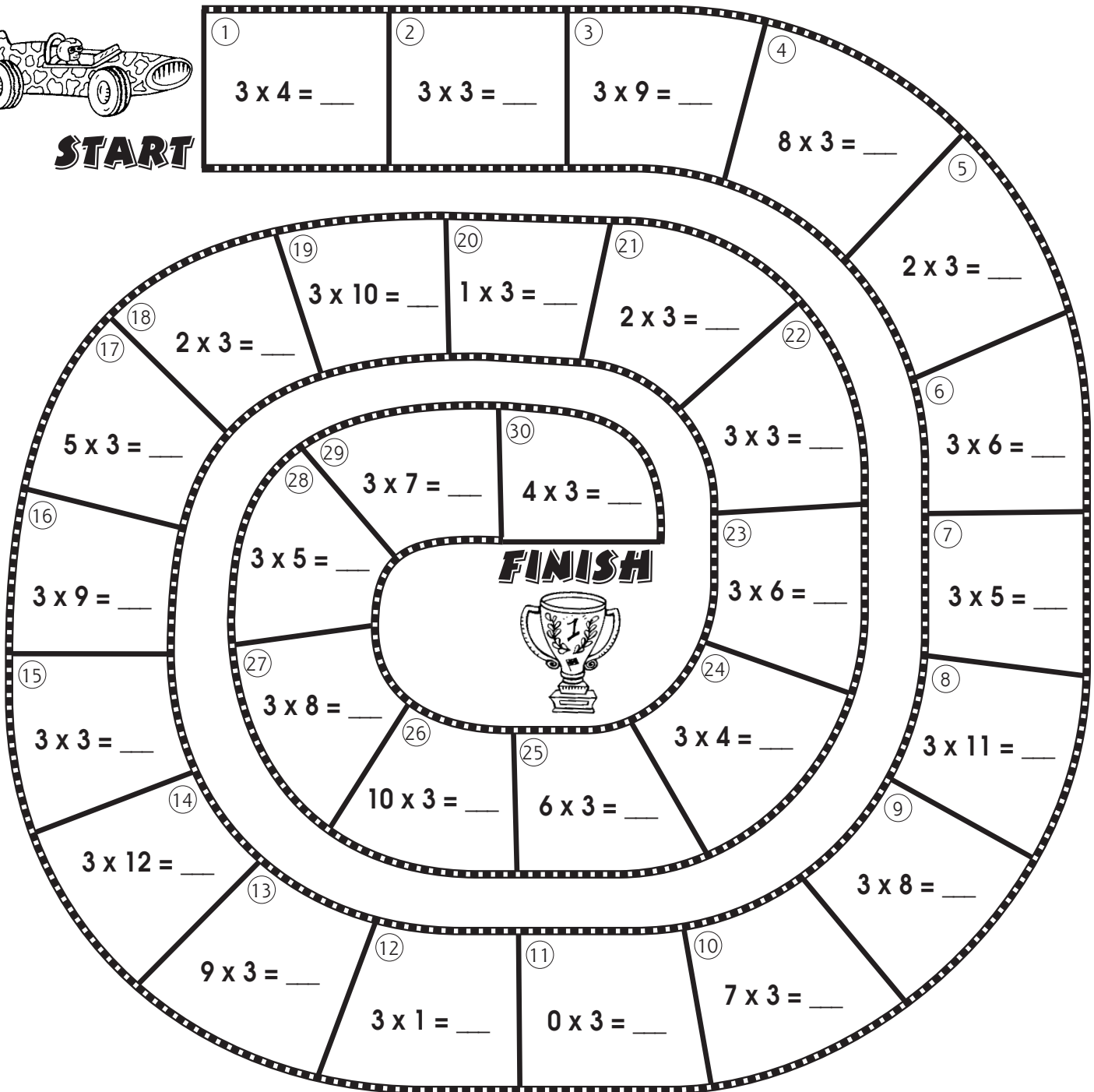
RACE #13

Name _____

Date _____



START



SPEED BONUS

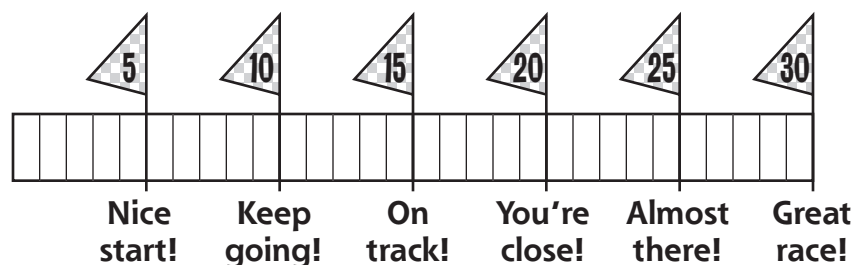


About how fast
can a cat run?

___ MPH

(Hint: What is
 3×10 ?)

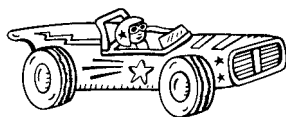
Color the chart up to your score.



RACE #14

Name _____

Date _____



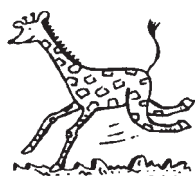
START

① $2 \times 4 = \underline{\quad}$	② $4 \times 6 = \underline{\quad}$	③ $5 \times 4 = \underline{\quad}$	④ $4 \times 3 = \underline{\quad}$
⑤ $9 \times 4 = \underline{\quad}$	⑥ $1 \times 4 = \underline{\quad}$	⑦ $4 \times 5 = \underline{\quad}$	⑧ $4 \times 4 = \underline{\quad}$
⑨ $8 \times 4 = \underline{\quad}$	⑩ $7 \times 4 = \underline{\quad}$	⑪ $10 \times 4 = \underline{\quad}$	⑫ $4 \times 6 = \underline{\quad}$
⑬ $4 \times 11 = \underline{\quad}$	⑭ $4 \times 1 = \underline{\quad}$	⑮ $4 \times 9 = \underline{\quad}$	⑯ $4 \times 3 = \underline{\quad}$
⑰ $5 \times 4 = \underline{\quad}$	⑱ $9 \times 4 = \underline{\quad}$	⑲ $8 \times 4 = \underline{\quad}$	⑳ $4 \times 4 = \underline{\quad}$
㉑ $4 \times 12 = \underline{\quad}$	㉒ $4 \times 7 = \underline{\quad}$	㉓ $4 \times 8 = \underline{\quad}$	㉔ $4 \times 2 = \underline{\quad}$
㉕ $4 \times 0 = \underline{\quad}$	㉖ $1 \times 4 = \underline{\quad}$	㉗ $10 \times 4 = \underline{\quad}$	㉘ $4 \times 4 = \underline{\quad}$
㉙ $7 \times 4 = \underline{\quad}$	㉚ $2 \times 4 = \underline{\quad}$	㉛ $4 \times 4 = \underline{\quad}$	㉜ $4 \times 4 = \underline{\quad}$

FINISH



SPEED BONUS

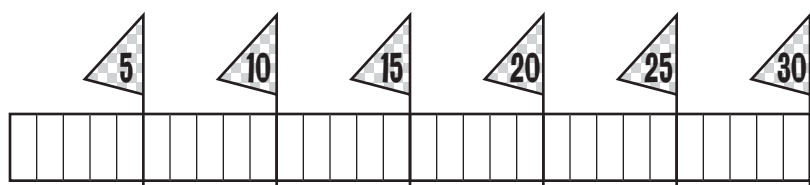


About how fast
can a giraffe run?

___ MPH

(Hint: What is
 4×8 ?)

Color the chart up to your score.



Nice
start!

Keep
going!

On
track!

You're
close!

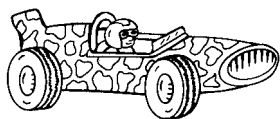
Almost
there!

Great
race!

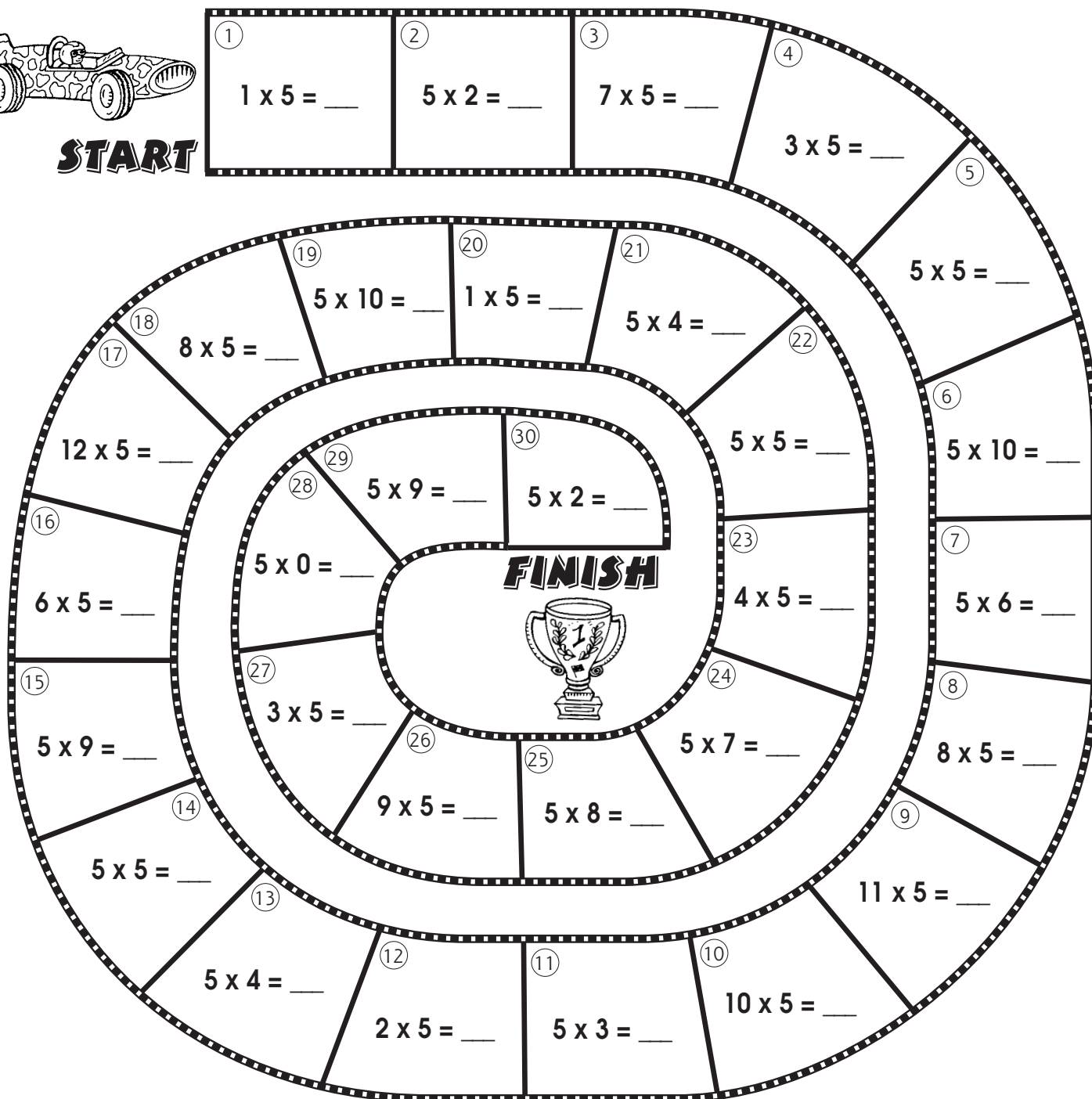
Name _____

Date _____

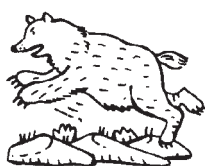
RACE #15



START



SPEED BONUS

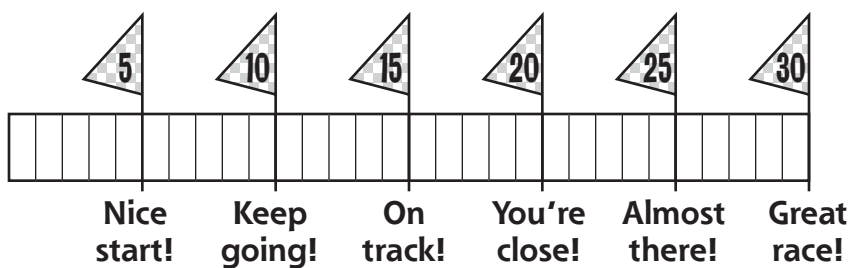


About how fast can a grizzly bear run?

____ MPH

(Hint: What is 5×6 ?)

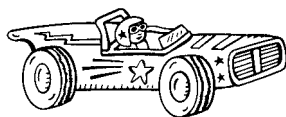
Color the chart up to your score.



RACE #16

Name _____

Date _____



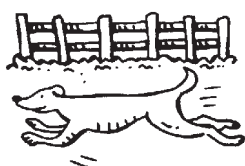
START

① $6 \times 2 = \underline{\quad}$	② $6 \times 9 = \underline{\quad}$	③ $5 \times 6 = \underline{\quad}$	④ $6 \times 8 = \underline{\quad}$
⑤ $11 \times 6 = \underline{\quad}$	⑥ $10 \times 6 = \underline{\quad}$	⑦ $6 \times 7 = \underline{\quad}$	⑧ $1 \times 6 = \underline{\quad}$
⑨ $3 \times 6 = \underline{\quad}$	⑩ $6 \times 4 = \underline{\quad}$	⑪ $2 \times 6 = \underline{\quad}$	⑫ $6 \times 12 = \underline{\quad}$
⑬ $5 \times 6 = \underline{\quad}$	⑭ $6 \times 11 = \underline{\quad}$	⑮ $6 \times 6 = \underline{\quad}$	⑯ $7 \times 6 = \underline{\quad}$
⑰ $6 \times 9 = \underline{\quad}$	⑱ $6 \times 3 = \underline{\quad}$	⑲ $6 \times 7 = \underline{\quad}$	⑳ $1 \times 6 = \underline{\quad}$
㉑ $6 \times 10 = \underline{\quad}$	㉒ $4 \times 6 = \underline{\quad}$	㉓ $6 \times 2 = \underline{\quad}$	㉔ $8 \times 6 = \underline{\quad}$
㉕ $0 \times 6 = \underline{\quad}$	㉖ $6 \times 6 = \underline{\quad}$	㉗ $10 \times 6 = \underline{\quad}$	㉘ $3 \times 6 = \underline{\quad}$
㉙ $6 \times 9 = \underline{\quad}$	㉚ $6 \times 7 = \underline{\quad}$	㉛ $3 \times 6 = \underline{\quad}$	㉜ $6 \times 6 = \underline{\quad}$
㉝ $6 \times 9 = \underline{\quad}$	㉞ $6 \times 3 = \underline{\quad}$	㉟ $6 \times 9 = \underline{\quad}$	㊱ $6 \times 10 = \underline{\quad}$

FINISH



SPEED BONUS

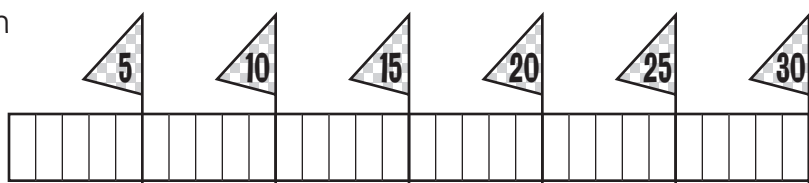


About how fast can a greyhound run?

____ MPH

(Hint: What is 7×6 ?)

Color the chart up to your score.



Nice start!

Keep going!

On track!

You're close!

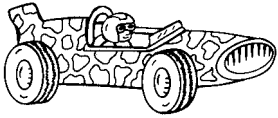
Almost there!

Great race!

Name _____

Date _____

RACE #17



START

① $7 \times 9 = \underline{\hspace{2cm}}$	② $7 \times 6 = \underline{\hspace{2cm}}$	③ $10 \times 7 = \underline{\hspace{2cm}}$	④ $7 \times 7 = \underline{\hspace{2cm}}$
⑤ $7 \times 12 = \underline{\hspace{2cm}}$	⑥ $3 \times 7 = \underline{\hspace{2cm}}$	⑦ $7 \times 1 = \underline{\hspace{2cm}}$	⑧ $7 \times 8 = \underline{\hspace{2cm}}$
⑨ $3 \times 7 = \underline{\hspace{2cm}}$	⑩ $6 \times 7 = \underline{\hspace{2cm}}$	⑪ $7 \times 2 = \underline{\hspace{2cm}}$	⑫ $7 \times 4 = \underline{\hspace{2cm}}$
⑬ $6 \times 7 = \underline{\hspace{2cm}}$	⑭ $7 \times 5 = \underline{\hspace{2cm}}$	⑮ $2 \times 7 = \underline{\hspace{2cm}}$	⑯ $7 \times 10 = \underline{\hspace{2cm}}$
⑰ $4 \times 7 = \underline{\hspace{2cm}}$	⑱ $7 \times 8 = \underline{\hspace{2cm}}$	⑲ $0 \times 7 = \underline{\hspace{2cm}}$	⑳ $3 \times 7 = \underline{\hspace{2cm}}$
㉑ $7 \times 4 = \underline{\hspace{2cm}}$	㉒ $7 \times 7 = \underline{\hspace{2cm}}$	㉓ $5 \times 7 = \underline{\hspace{2cm}}$	㉔ $8 \times 7 = \underline{\hspace{2cm}}$
㉕ $12 \times 7 = \underline{\hspace{2cm}}$	㉖ $7 \times 10 = \underline{\hspace{2cm}}$	㉗ $7 \times 9 = \underline{\hspace{2cm}}$	㉘ $6 \times 7 = \underline{\hspace{2cm}}$
㉙ $2 \times 7 = \underline{\hspace{2cm}}$	㉚ $5 \times 7 = \underline{\hspace{2cm}}$	㉛ $2 \times 7 = \underline{\hspace{2cm}}$	㉜ $5 \times 7 = \underline{\hspace{2cm}}$

FINISH



SPEED BONUS

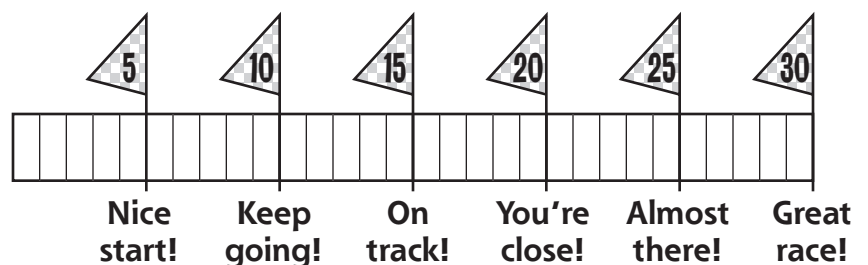


About how fast
can a rabbit run?

___ MPH

(Hint: What is
 7×5 ?)

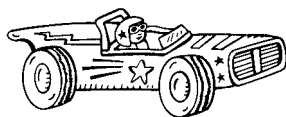
Color the chart up to your score.



RACE #18

Name _____

Date _____



START

① $2 \times 8 = \underline{\quad}$	② $9 \times 8 = \underline{\quad}$	③ $8 \times 3 = \underline{\quad}$	④ $8 \times 10 = \underline{\quad}$
⑤ $7 \times 8 = \underline{\quad}$	⑥ $8 \times 5 = \underline{\quad}$	⑦ $6 \times 8 = \underline{\quad}$	⑧ $8 \times 8 = \underline{\quad}$
⑨ $12 \times 8 = \underline{\quad}$	⑩ $4 \times 8 = \underline{\quad}$	⑪ $8 \times 2 = \underline{\quad}$	⑫ $8 \times 4 = \underline{\quad}$
⑬ $6 \times 8 = \underline{\quad}$	⑭ $8 \times 9 = \underline{\quad}$	⑮ $8 \times 7 = \underline{\quad}$	⑯ $8 \times 1 = \underline{\quad}$
⑰ $8 \times 5 = \underline{\quad}$	⑱ $10 \times 8 = \underline{\quad}$	⑲ $11 \times 8 = \underline{\quad}$	⑳ $3 \times 8 = \underline{\quad}$
㉑ $4 \times 8 = \underline{\quad}$	㉒ $6 \times 8 = \underline{\quad}$	㉓ $8 \times 0 = \underline{\quad}$	㉔ $8 \times 10 = \underline{\quad}$
㉕ $7 \times 8 = \underline{\quad}$	㉖ $5 \times 8 = \underline{\quad}$	㉗ $8 \times 9 = \underline{\quad}$	㉘ $8 \times 8 = \underline{\quad}$
㉙ $3 \times 8 = \underline{\quad}$	㉚ $2 \times 8 = \underline{\quad}$	FINISH 	

SPEED BONUS

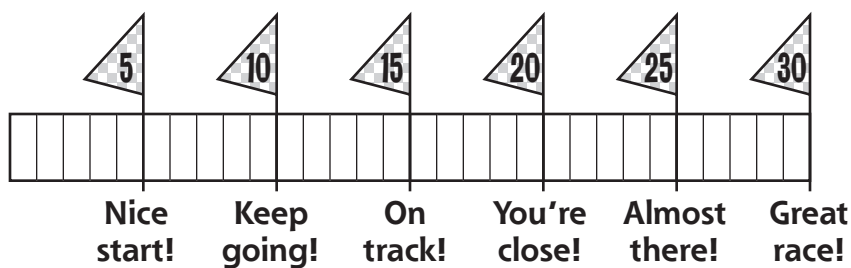


About how fast can a reindeer run?

___ MPH

(Hint: What is 8×4 ?)

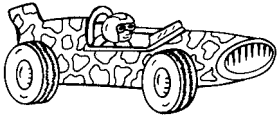
Color the chart up to your score.



RACE #19

Name _____

Date _____



START

① $4 \times 9 = \underline{\quad}$	② $9 \times 7 = \underline{\quad}$	③ $2 \times 9 = \underline{\quad}$	④ $9 \times 10 = \underline{\quad}$
⑤ $3 \times 9 = \underline{\quad}$	⑥ $9 \times 5 = \underline{\quad}$	⑦ $11 \times 9 = \underline{\quad}$	⑧ $5 \times 9 = \underline{\quad}$
⑨ $3 \times 9 = \underline{\quad}$	⑩ $10 \times 9 = \underline{\quad}$	⑪ $9 \times 8 = \underline{\quad}$	⑫ $9 \times 9 = \underline{\quad}$
⑬ $12 \times 9 = \underline{\quad}$	⑭ $9 \times 2 = \underline{\quad}$	⑮ $9 \times 5 = \underline{\quad}$	⑯ $8 \times 9 = \underline{\quad}$
⑰ $10 \times 9 = \underline{\quad}$	⑱ $9 \times 2 = \underline{\quad}$	⑲ $9 \times 11 = \underline{\quad}$	⑳ $7 \times 9 = \underline{\quad}$
㉑ $9 \times 11 = \underline{\quad}$	㉒ $6 \times 9 = \underline{\quad}$	㉓ $7 \times 9 = \underline{\quad}$	㉔ $9 \times 9 = \underline{\quad}$
㉕ $9 \times 9 = \underline{\quad}$	㉖ $9 \times 3 = \underline{\quad}$	㉗ $9 \times 6 = \underline{\quad}$	㉘ $0 \times 9 = \underline{\quad}$
㉙ $8 \times 9 = \underline{\quad}$	㉚ $4 \times 9 = \underline{\quad}$	㉛ $1 \times 9 = \underline{\quad}$	㉜ $8 \times 9 = \underline{\quad}$

FINISH



SPEED BONUS

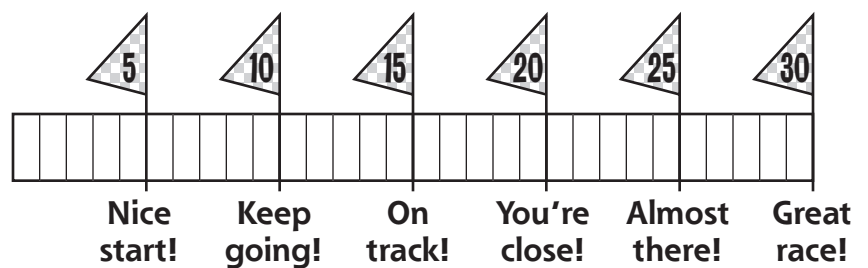


About how fast
can a chicken run?

___ MPH

(Hint: What is
 9×1 ?)

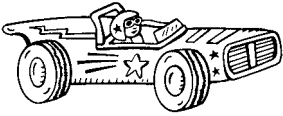
Color the chart up to your score.



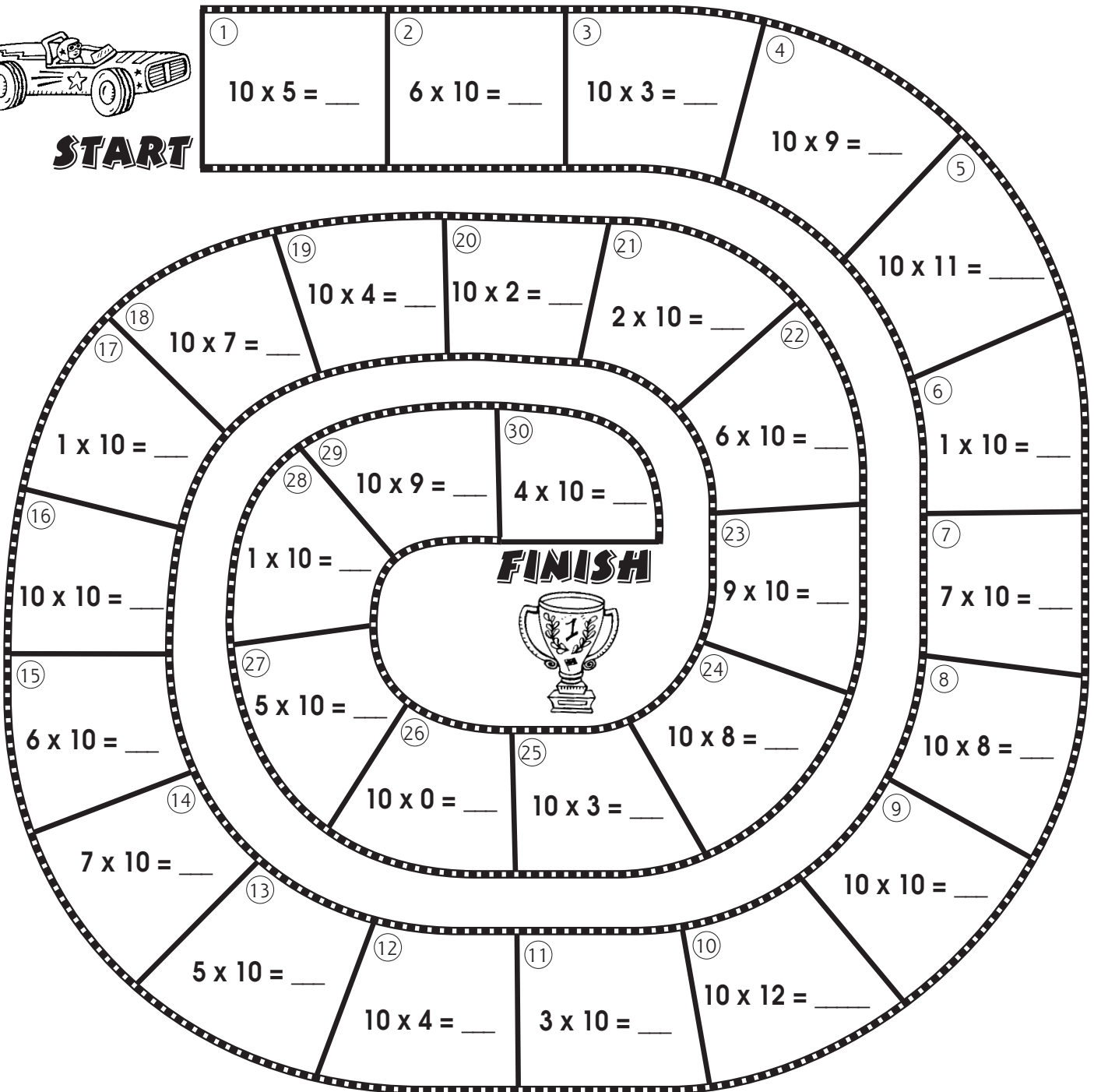
Name _____

Date _____

RACE #20



START



SPEED BONUS

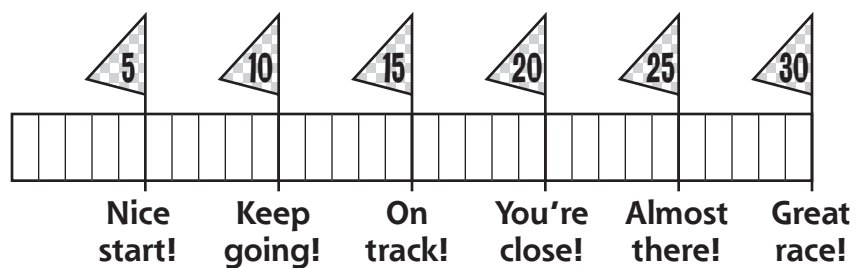


About how fast
can an ostrich run?

___ MPH

(Hint: What is
 10×4 ?)

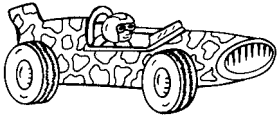
Color the chart up to your score.



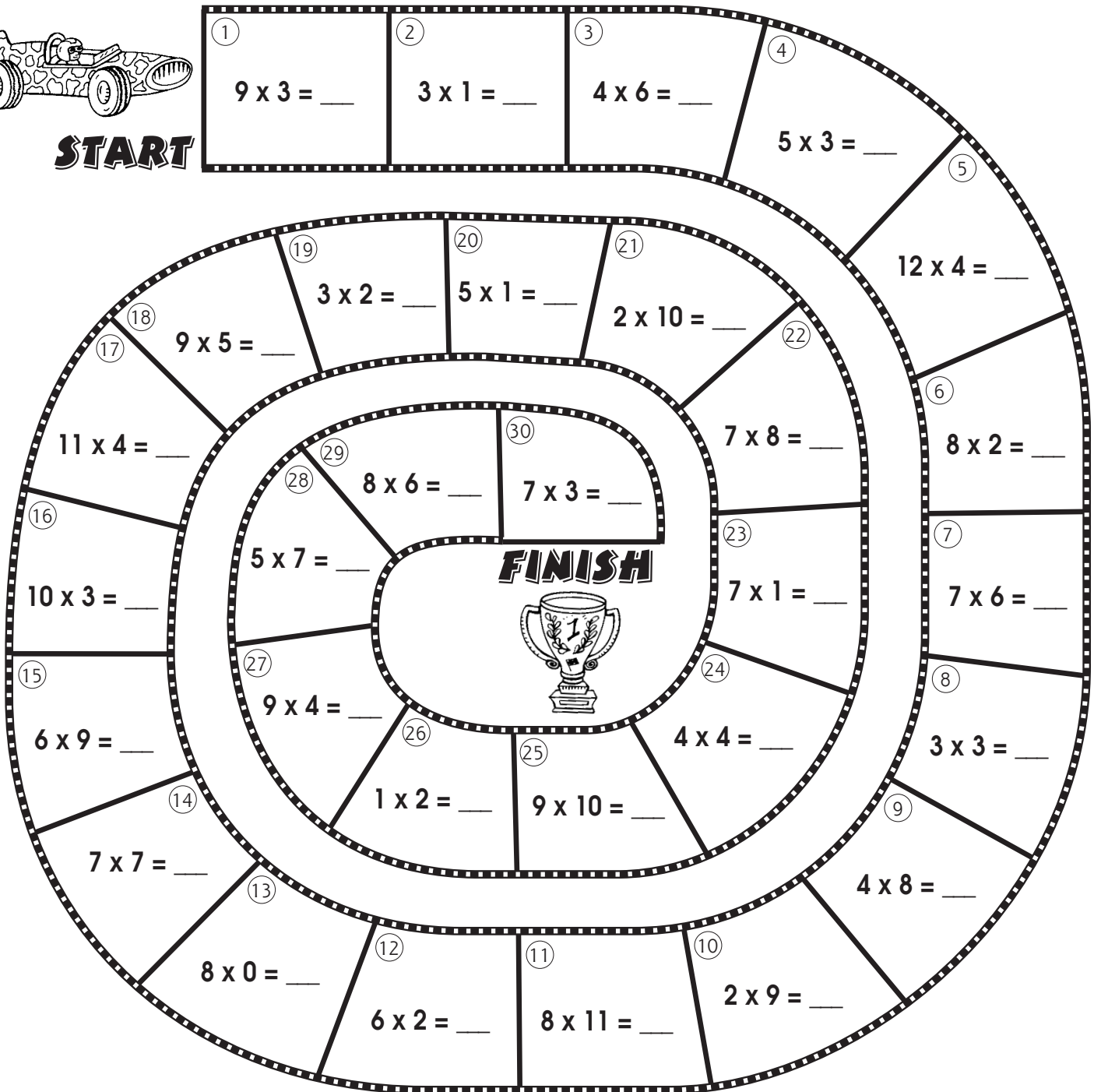
Name _____

Date _____

RACE #21



START



SPEED BONUS

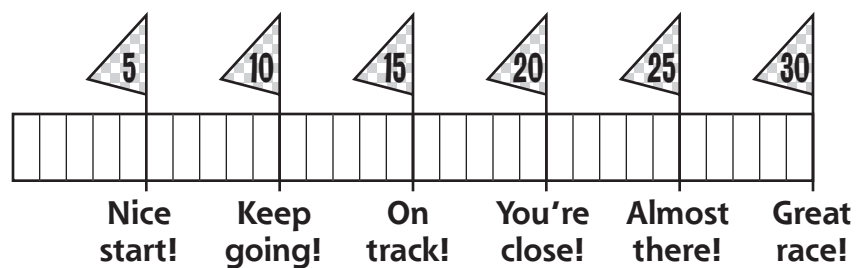


About how fast
can a hyena run?

___ MPH

(Hint: What is
 8×5 ?)

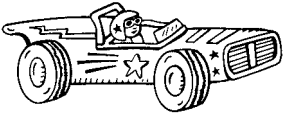
Color the chart up to your score.



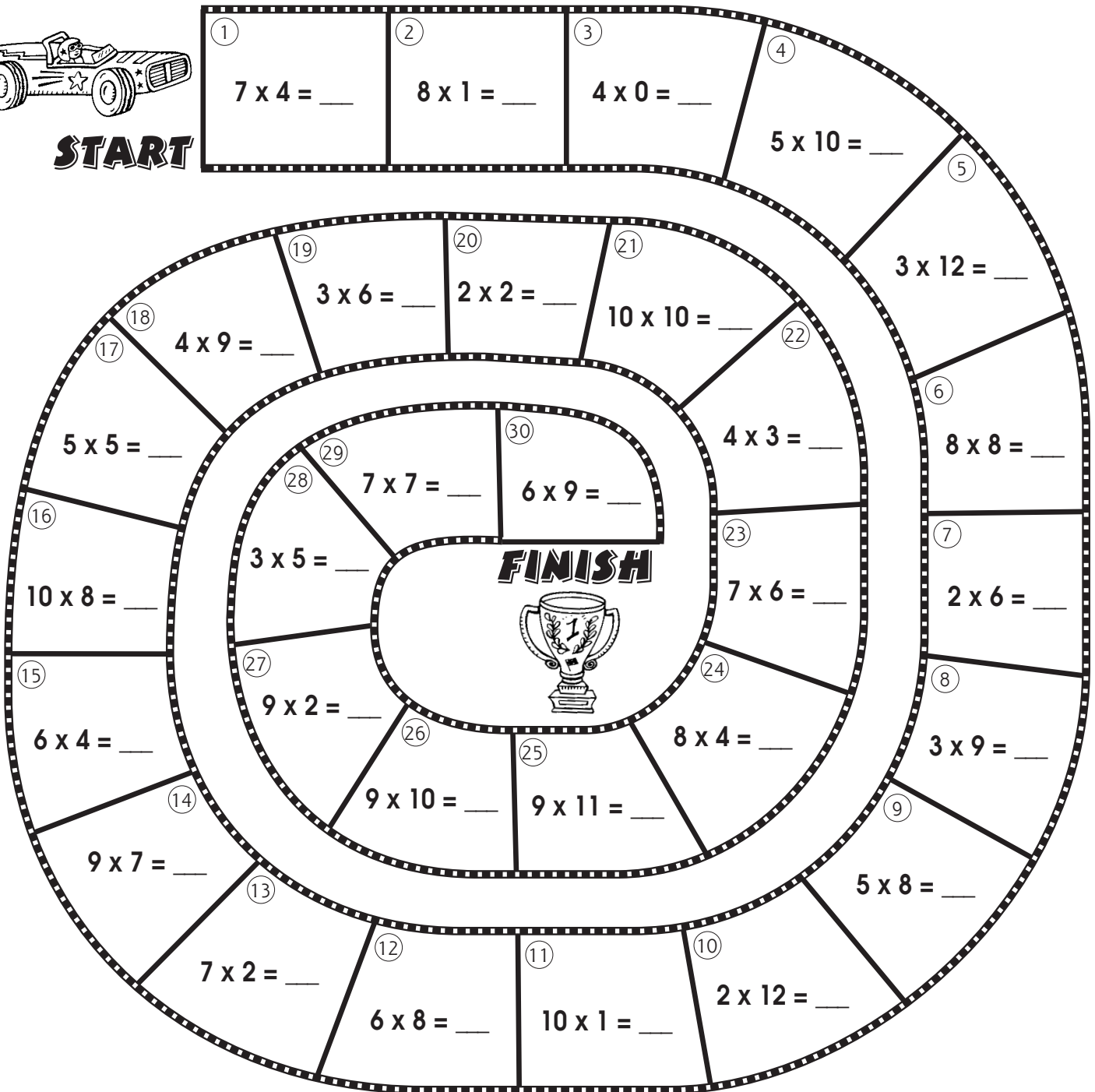
Name _____

Date _____

RACE #22



START



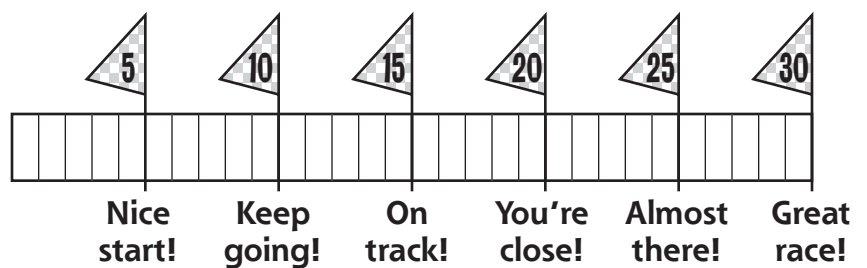
SPEED BONUS



About how fast
can a gray fox run?
____ MPH

(Hint: What is
 9×3 ?)

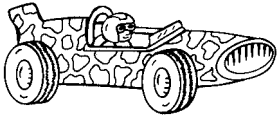
Color the chart up to your score.



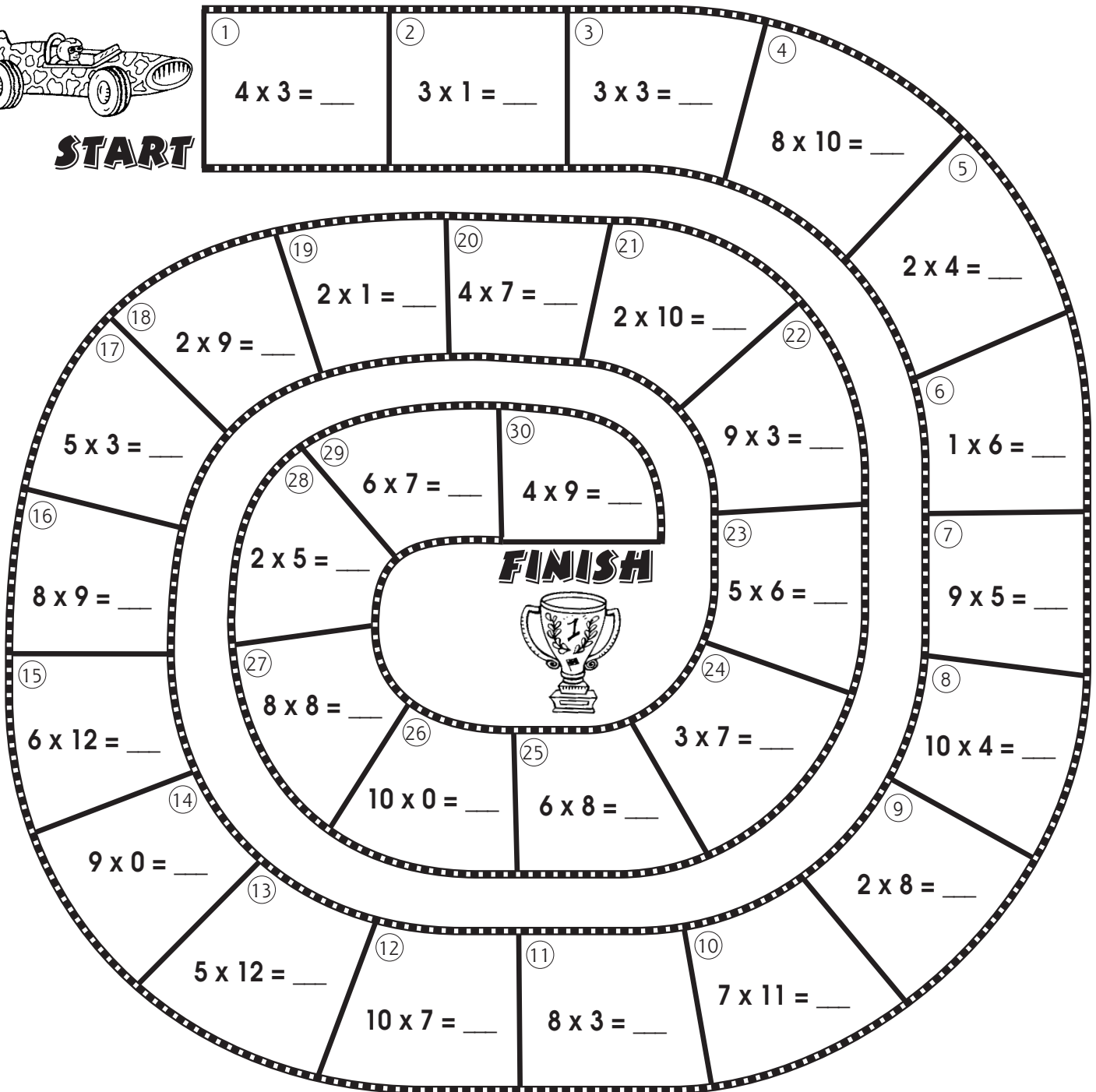
Name _____

Date _____

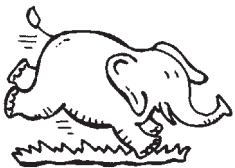
RACE #23



START



SPEED BONUS

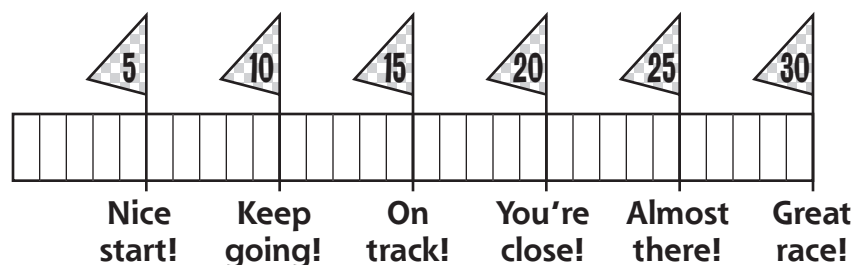


About how fast can
an elephant run?

_____ MPH

(Hint: What is
 5×5 ?)

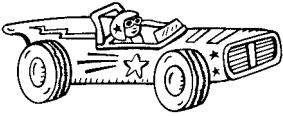
Color the chart up to your score.



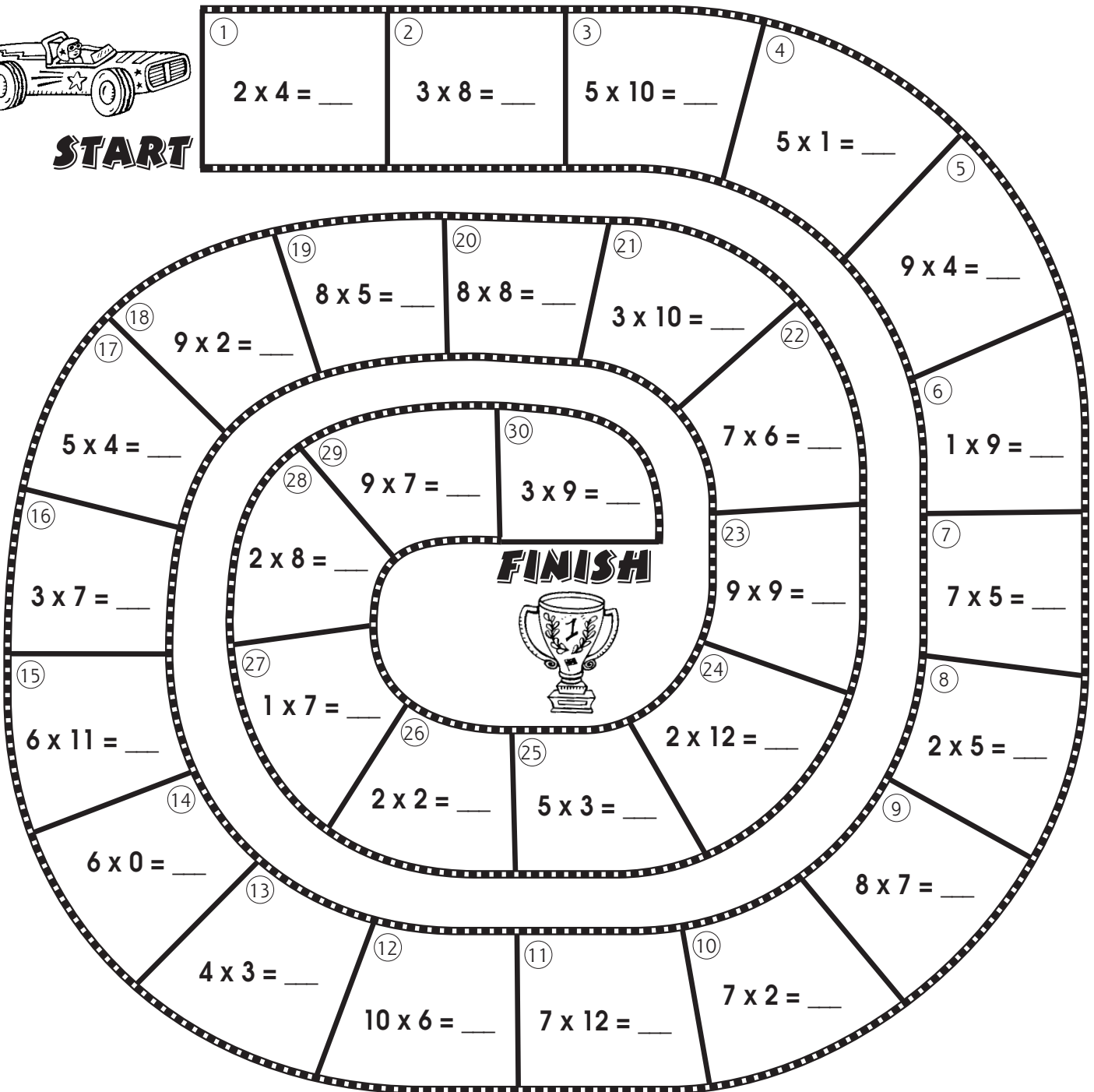
Name _____

Date _____

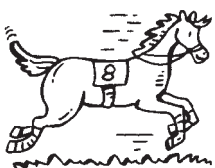
RACE #24



START



SPEED BONUS

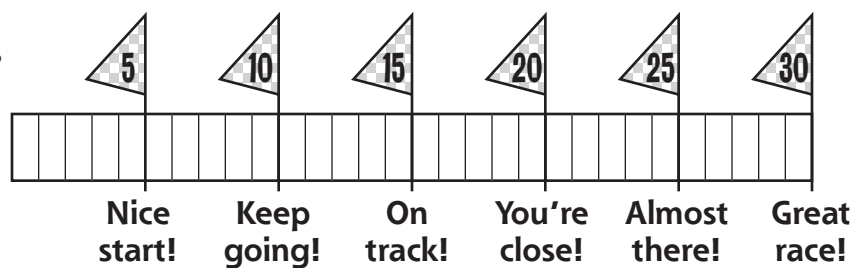


About how fast
can a racehorse run?

____ MPH

(Hint: What is
 7×6 ?)

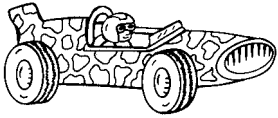
Color the chart up to your score.



RACE #25

Name _____

Date _____



START

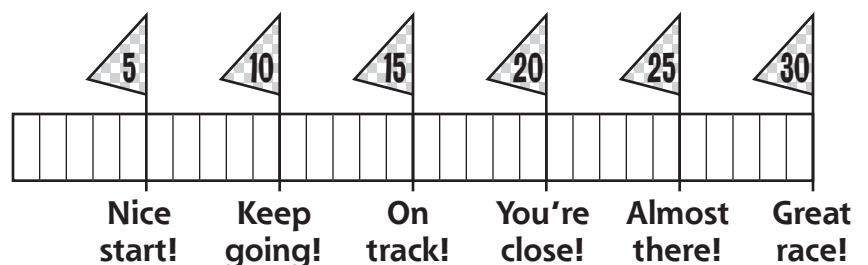
① $1 \times 1 = \underline{\quad}$	② $2 \times 2 = \underline{\quad}$	③ $3 \times 3 = \underline{\quad}$	④ $4 \times 4 = \underline{\quad}$
⑤ $5 \times 5 = \underline{\quad}$	⑥ $6 \times 6 = \underline{\quad}$	⑦ $7 \times 7 = \underline{\quad}$	⑧ $8 \times 8 = \underline{\quad}$
⑨ $9 \times 9 = \underline{\quad}$	⑩ $10 \times 10 = \underline{\quad}$	⑪ $1 \times 2 = \underline{\quad}$	⑫ $2 \times 3 = \underline{\quad}$
⑬ $3 \times 4 = \underline{\quad}$	⑭ $4 \times 5 = \underline{\quad}$	⑮ $5 \times 6 = \underline{\quad}$	⑯ $6 \times 7 = \underline{\quad}$
⑰ $7 \times 8 = \underline{\quad}$	⑱ $8 \times 9 = \underline{\quad}$	⑲ $9 \times 10 = \underline{\quad}$	⑳ $1 \times 3 = \underline{\quad}$
㉑ $2 \times 4 = \underline{\quad}$	㉒ $3 \times 5 = \underline{\quad}$	㉓ $4 \times 6 = \underline{\quad}$	㉔ $5 \times 7 = \underline{\quad}$
㉕ $6 \times 8 = \underline{\quad}$	㉖ $7 \times 9 = \underline{\quad}$	㉗ $8 \times 10 = \underline{\quad}$	㉘ $0 \times 0 = \underline{\quad}$
㉙ $2 \times 9 = \underline{\quad}$	㉚ $5 \times 2 = \underline{\quad}$	FINISH 	
㉛ 28	㉜ 29		

SPEED BONUS



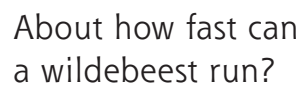
About how fast do scientists think dinosaurs could run? 10 to ____ MPH
(Hint: What is 5×5 ?)

Color the chart up to your score.



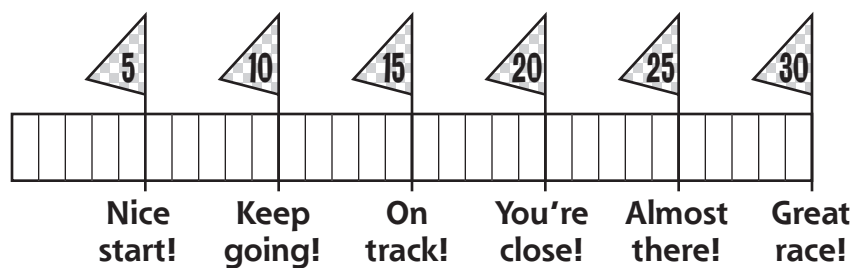


SPEED BONUS



(Hint: What is 5×10 ?)

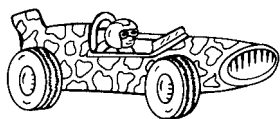
Color the chart up to your score.



RACE #27

Name _____

Date _____



START

① $7 \times 7 = \underline{\quad}$	② $8 \times 6 = \underline{\quad}$	③ $10 \times 3 = \underline{\quad}$	④ $6 \times 7 = \underline{\quad}$
⑤ $0 \times 0 = \underline{\quad}$	⑥ $3 \times 5 = \underline{\quad}$	⑦ $9 \times 1 = \underline{\quad}$	⑧ $3 \times 8 = \underline{\quad}$
⑨ $3 \times 7 = \underline{\quad}$	⑩ $3 \times 6 = \underline{\quad}$	⑪ $5 \times 12 = \underline{\quad}$	⑫ $8 \times 4 = \underline{\quad}$
⑬ $11 \times 6 = \underline{\quad}$	⑭ $7 \times 5 = \underline{\quad}$	⑮ $5 \times 10 = \underline{\quad}$	⑯ $10 \times 6 = \underline{\quad}$
⑰ $4 \times 9 = \underline{\quad}$	⑱ $2 \times 8 = \underline{\quad}$	⑲ $9 \times 7 = \underline{\quad}$	⑳ $3 \times 1 = \underline{\quad}$
㉑ $4 \times 7 = \underline{\quad}$	㉒ $8 \times 8 = \underline{\quad}$	㉓ $5 \times 2 = \underline{\quad}$	㉔ $8 \times 9 = \underline{\quad}$
㉕ $4 \times 12 = \underline{\quad}$	㉖ $3 \times 9 = \underline{\quad}$	㉗ $10 \times 9 = \underline{\quad}$	㉘ $6 \times 9 = \underline{\quad}$
㉙ $5 \times 4 = \underline{\quad}$	㉚ $2 \times 6 = \underline{\quad}$	㉛ $5 \times 12 = \underline{\quad}$	㉜ $3 \times 9 = \underline{\quad}$

FINISH



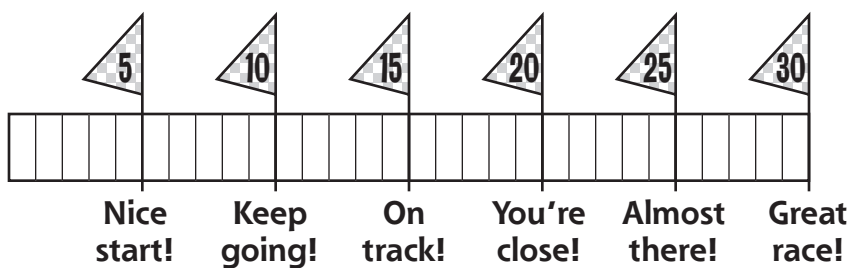
SPEED BONUS



About how fast can a hummingbird beat its wings? _____ miles per second

(Hint: What is 10×5 ?)

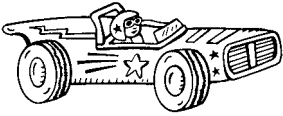
Color the chart up to your score.



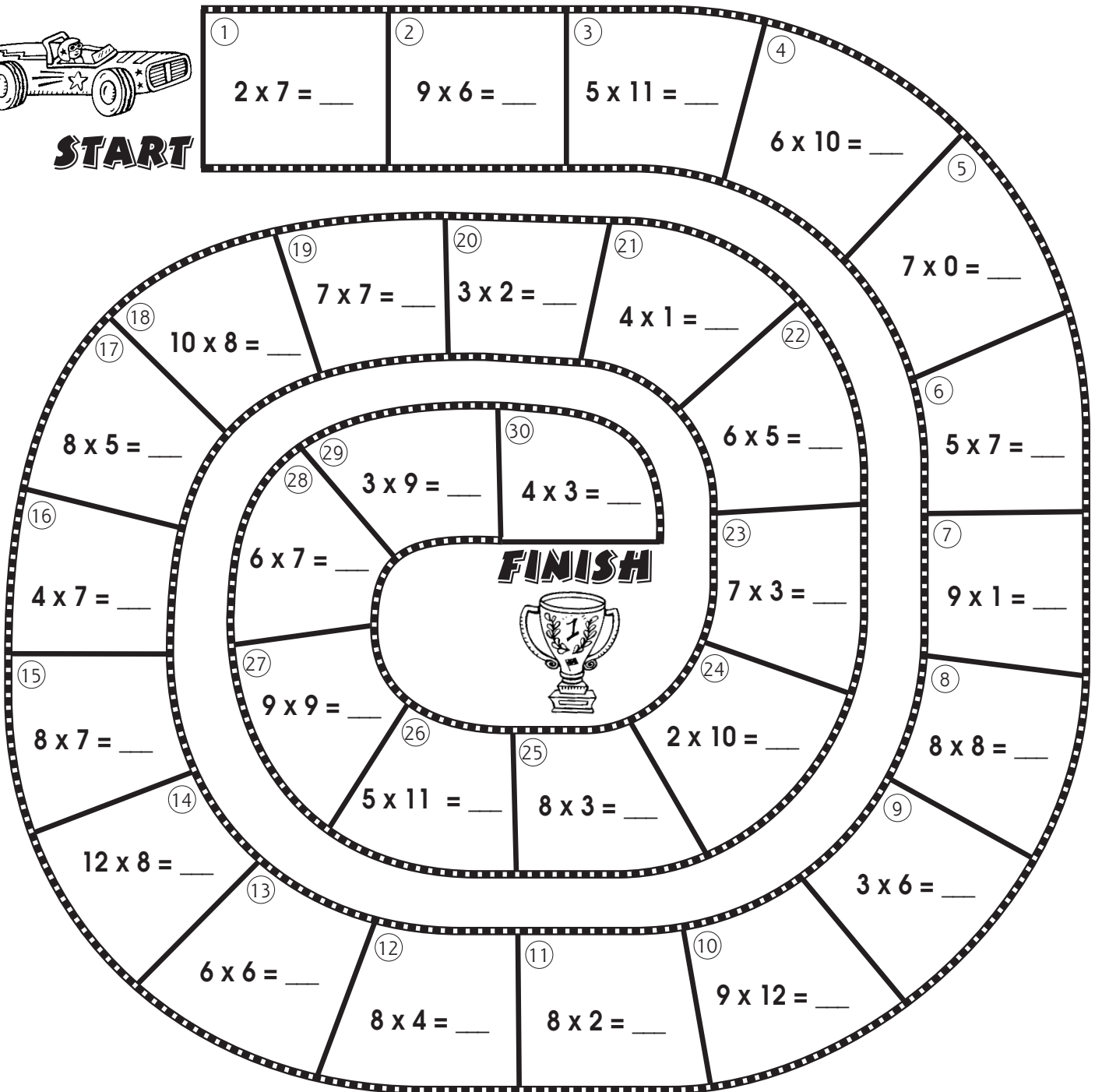
Name _____

Date _____

RACE #28



START



SPEED BONUS

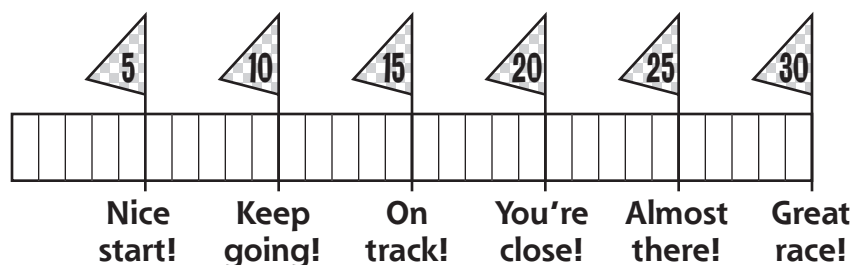


About how fast can
an antelope run?

___ MPH

(Hint: What is
 6×10 ?)

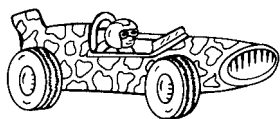
Color the chart up to your score.



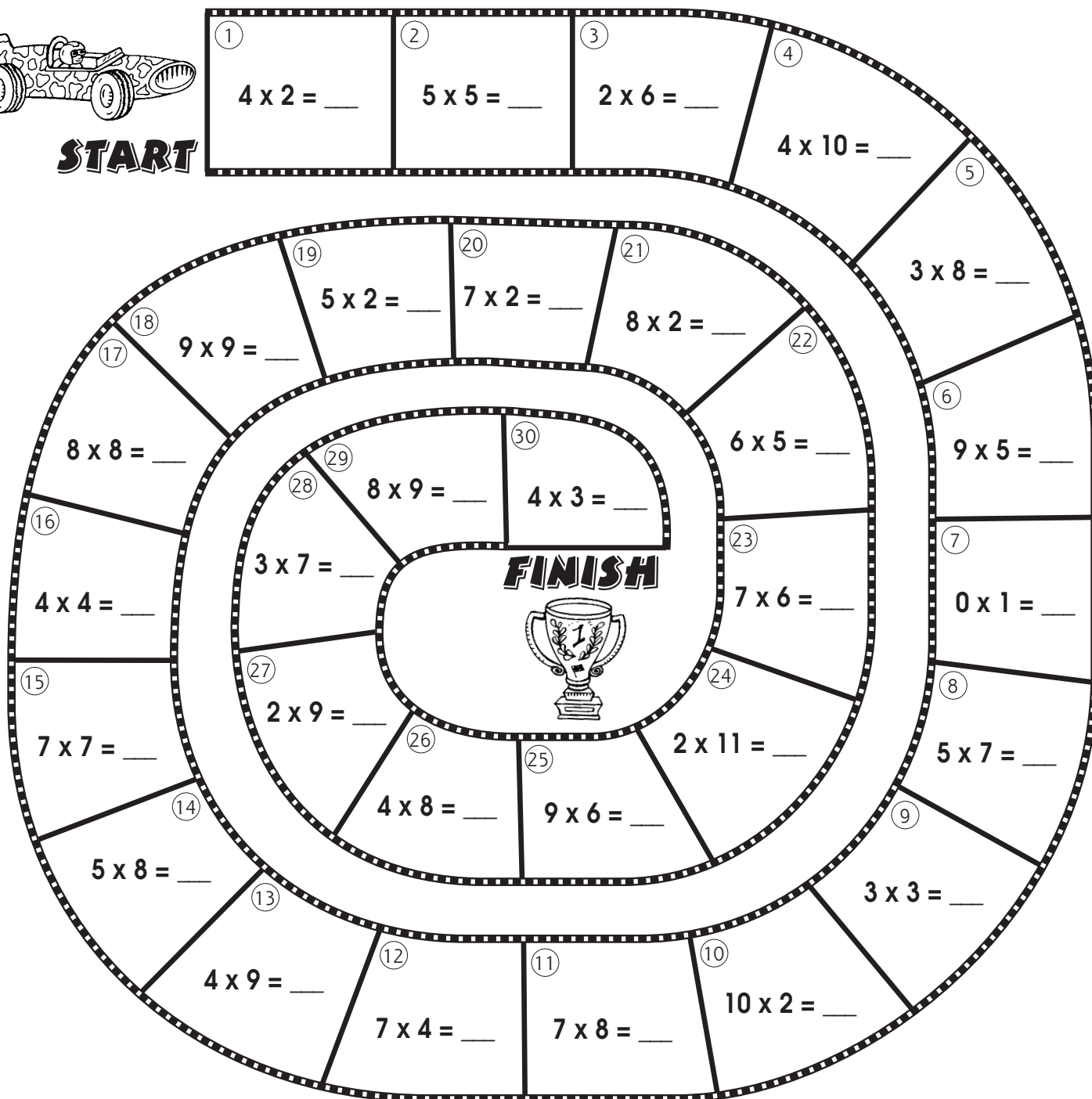
RACE #29

Name _____

Date _____



START



SPEED BONUS

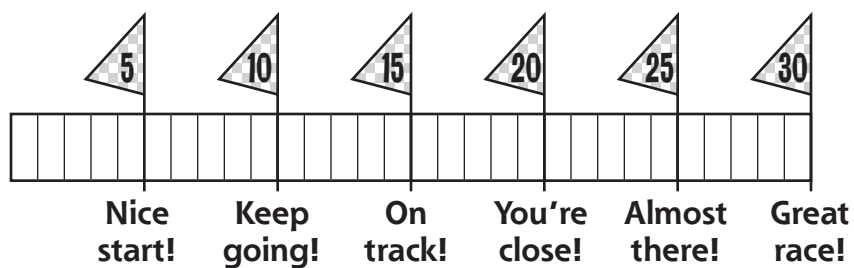


About how fast
can a cheetah run?

___ MPH

(Hint: What is
 10×7 ?)

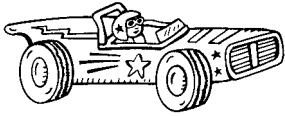
Color the chart up to your score.



RACE #30

Name _____

Date _____



START

① $10 \times 5 = \underline{\quad}$	② $11 \times 9 = \underline{\quad}$	③ $8 \times 6 = \underline{\quad}$	④ $9 \times 9 = \underline{\quad}$
⑤ $2 \times 8 = \underline{\quad}$	⑥ $1 \times 5 = \underline{\quad}$	⑦ $7 \times 1 = \underline{\quad}$	⑧ $9 \times 8 = \underline{\quad}$
⑨ $3 \times 12 = \underline{\quad}$	⑩ $10 \times 10 = \underline{\quad}$	⑪ $5 \times 3 = \underline{\quad}$	⑫ $8 \times 11 = \underline{\quad}$
⑬ $5 \times 9 = \underline{\quad}$	⑭ $7 \times 8 = \underline{\quad}$	⑮ $6 \times 7 = \underline{\quad}$	⑯ $3 \times 6 = \underline{\quad}$
⑰ $8 \times 5 = \underline{\quad}$	⑱ $7 \times 7 = \underline{\quad}$	⑲ $5 \times 4 = \underline{\quad}$	⑳ $8 \times 2 = \underline{\quad}$
㉑ $6 \times 12 = \underline{\quad}$	㉒ $6 \times 2 = \underline{\quad}$	㉓ $9 \times 7 = \underline{\quad}$	㉔ $6 \times 4 = \underline{\quad}$
㉕ $4 \times 1 = \underline{\quad}$	㉖ $10 \times 8 = \underline{\quad}$	㉗ $5 \times 7 = \underline{\quad}$	㉘ $3 \times 1 = \underline{\quad}$
㉙ $4 \times 9 = \underline{\quad}$	㉚ $0 \times 9 = \underline{\quad}$	㉛ 29	㉜ 30

FINISH



SPEED BONUS

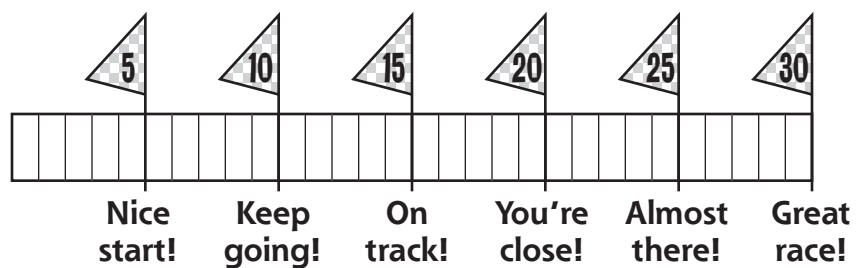


About how fast
can the fastest
bobsled go?

___ MPH

(Hint: What is
 9×10 ?)

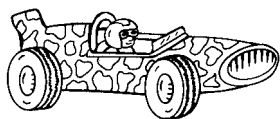
Color the chart up to your score.



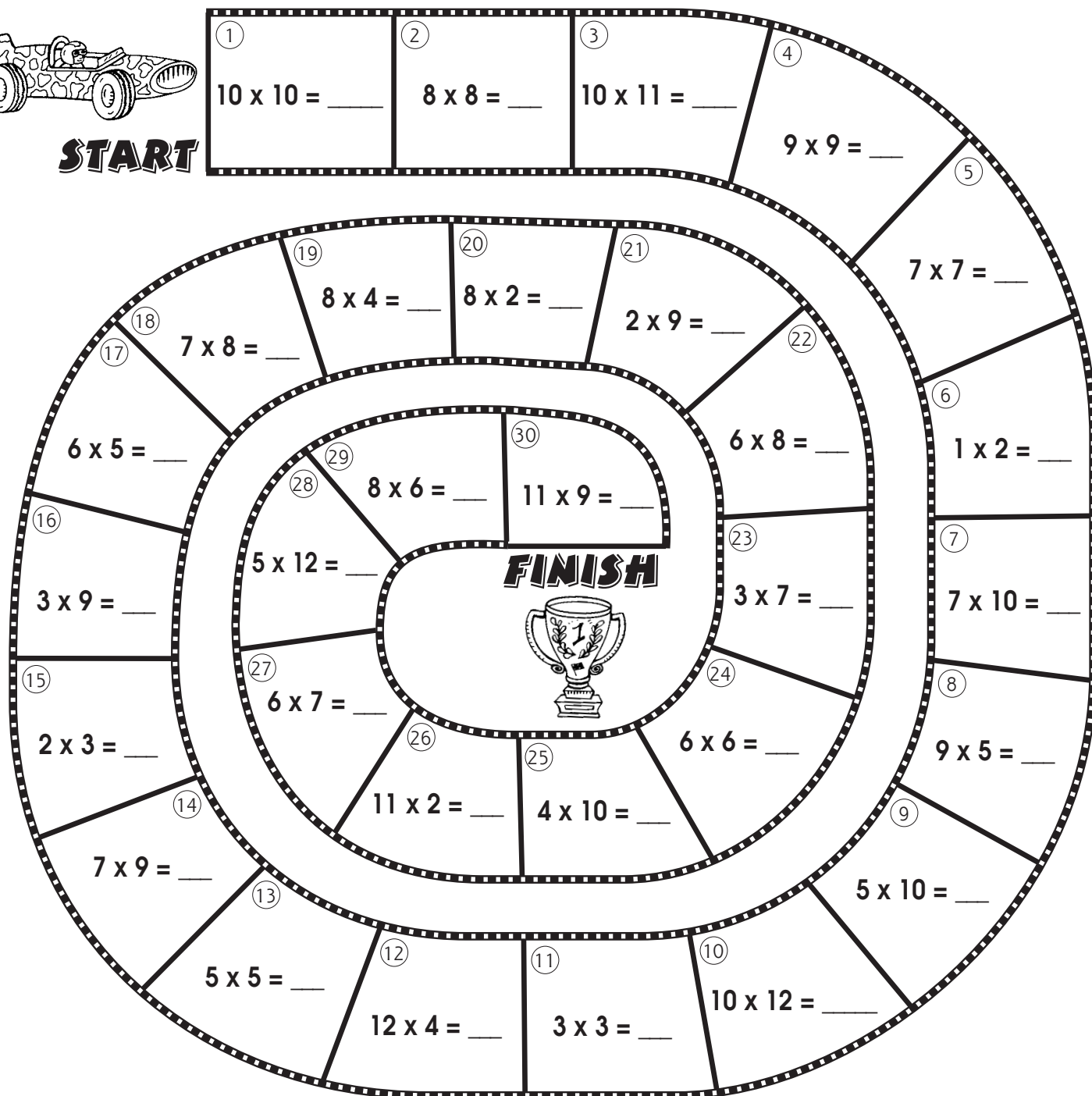
RACE #31

Name _____

Date _____



START



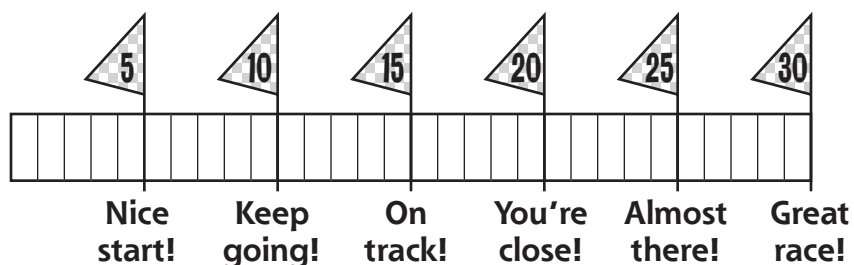
SPEED BONUS



About how fast
can the fastest
powerboat go?
_____ MPH

(Hint: What is
 10×18 ?)

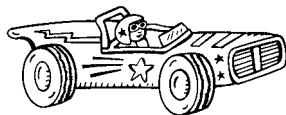
Color the chart up to your score.



RACE #32

Name _____

Date _____



START

① $9 \times 12 = \underline{\hspace{2cm}}$	② $4 \times 1 = \underline{\hspace{2cm}}$	③ $9 \times 6 = \underline{\hspace{2cm}}$	④ $4 \times 7 = \underline{\hspace{2cm}}$
⑤ $2 \times 11 = \underline{\hspace{2cm}}$	⑥ $10 \times 10 = \underline{\hspace{2cm}}$	⑦ $8 \times 1 = \underline{\hspace{2cm}}$	⑧ $9 \times 9 = \underline{\hspace{2cm}}$
⑨ $2 \times 7 = \underline{\hspace{2cm}}$	⑩ $4 \times 6 = \underline{\hspace{2cm}}$	⑪ $12 \times 10 = \underline{\hspace{2cm}}$	⑫ $6 \times 2 = \underline{\hspace{2cm}}$
⑬ $8 \times 5 = \underline{\hspace{2cm}}$	⑭ $8 \times 6 = \underline{\hspace{2cm}}$	⑮ $7 \times 3 = \underline{\hspace{2cm}}$	⑯ $5 \times 9 = \underline{\hspace{2cm}}$
⑰ $8 \times 2 = \underline{\hspace{2cm}}$	⑱ $9 \times 8 = \underline{\hspace{2cm}}$	⑲ $5 \times 4 = \underline{\hspace{2cm}}$	⑳ $1 \times 7 = \underline{\hspace{2cm}}$
㉑ $0 \times 9 = \underline{\hspace{2cm}}$	㉒ $6 \times 7 = \underline{\hspace{2cm}}$	㉓ $3 \times 3 = \underline{\hspace{2cm}}$	㉔ $6 \times 5 = \underline{\hspace{2cm}}$
㉕ $8 \times 12 = \underline{\hspace{2cm}}$	㉖ $7 \times 9 = \underline{\hspace{2cm}}$	㉗ $11 \times 4 = \underline{\hspace{2cm}}$	㉘ $3 \times 12 = \underline{\hspace{2cm}}$
㉙ $6 \times 12 = \underline{\hspace{2cm}}$	㉚ $6 \times 11 = \underline{\hspace{2cm}}$	㉛ 29	㉜ 28

FINISH



SPEED BONUS

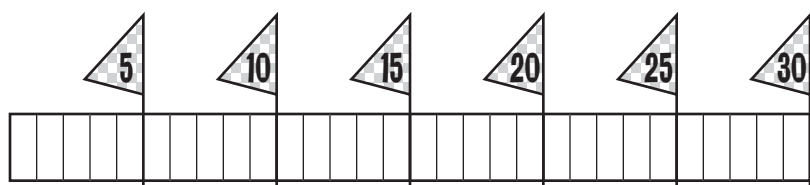


About how fast was the fastest baseball pitch?

_____ MPH

(Hint: What is 15×7 ?)

Color the chart up to your score.



Nice start!

Keep going!

On track!

You're close!

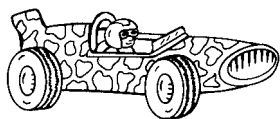
Almost there!

Great race!

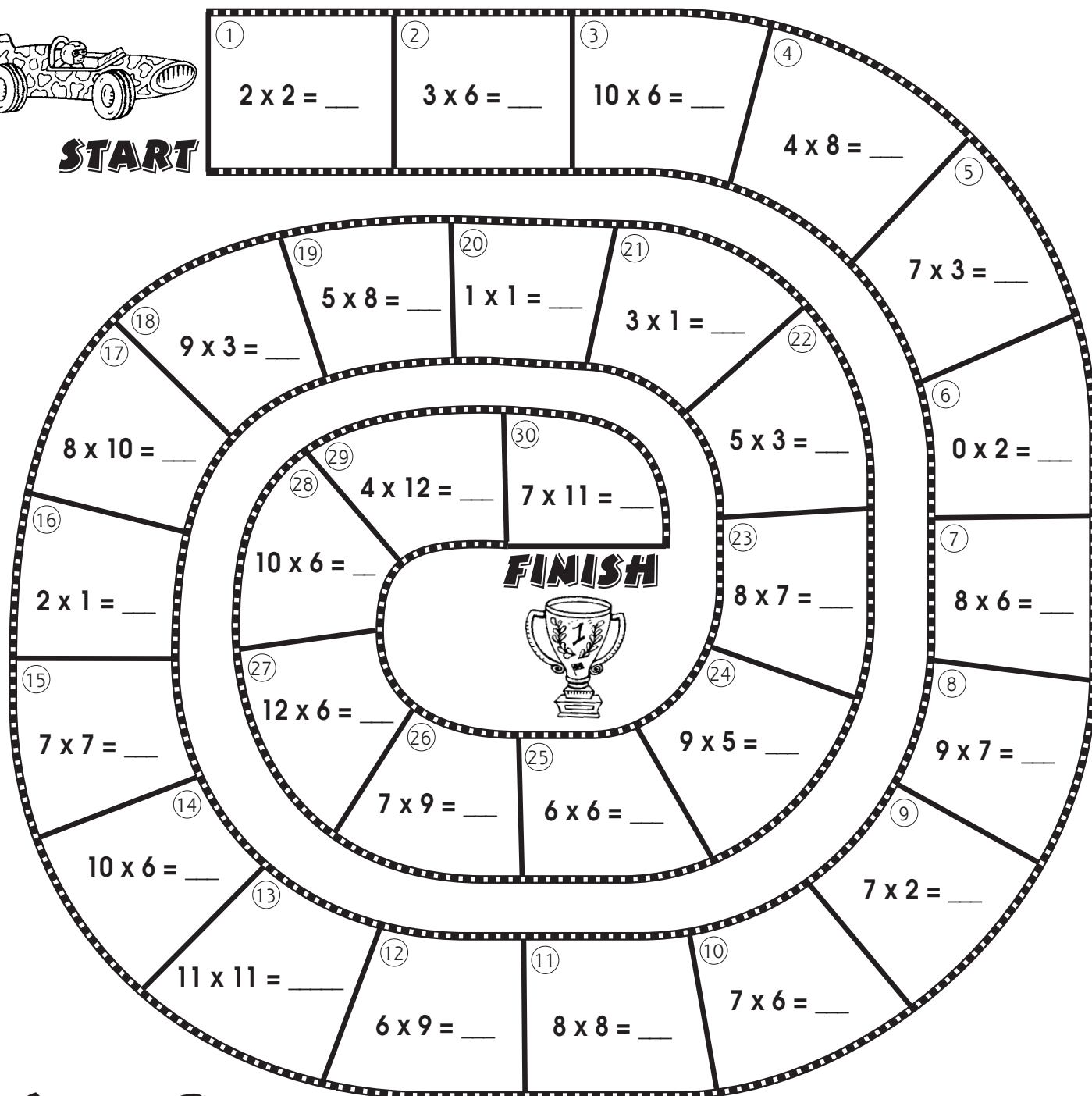
RACE #33

Name _____

Date _____



START



SPEED BONUS

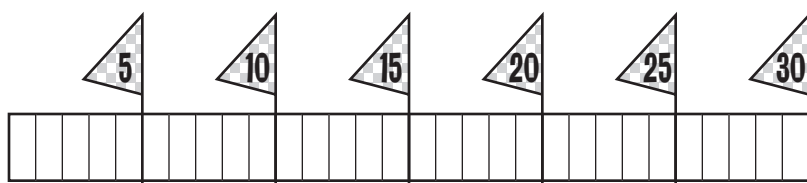


About how fast
does the fastest
roller coaster go?

_____ MPH

(Hint: What is 10×12 ?)

Color the chart up to your score.



Nice
start!

Keep
going!

On
track!

You're
close!

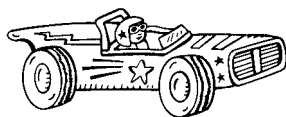
Almost
there!

Great
race!

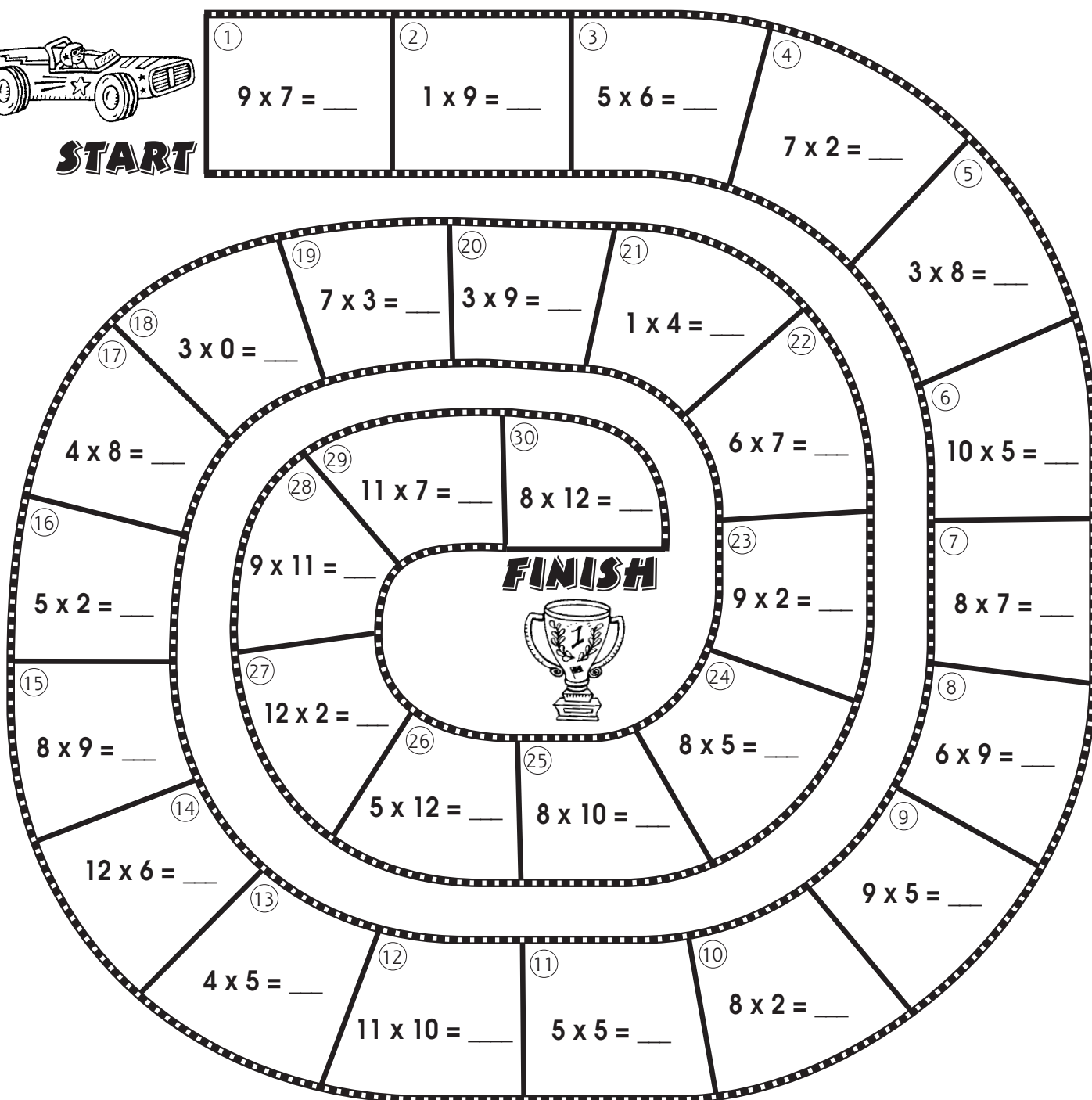
RACE #34

Name _____

Date _____



START



SPEED BONUS

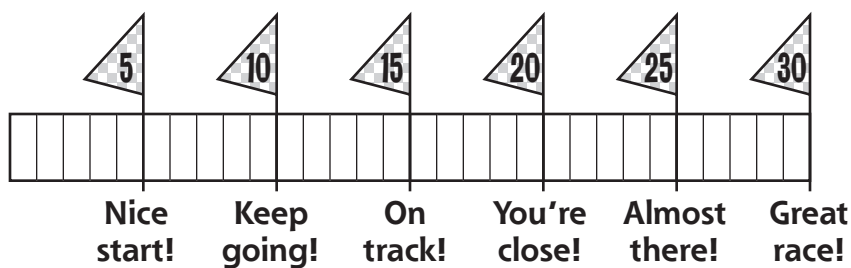


About how fast does a skydiver drop?

_____ MPH

(Hint: What is 15×8 ?)

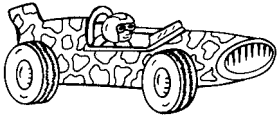
Color the chart up to your score.



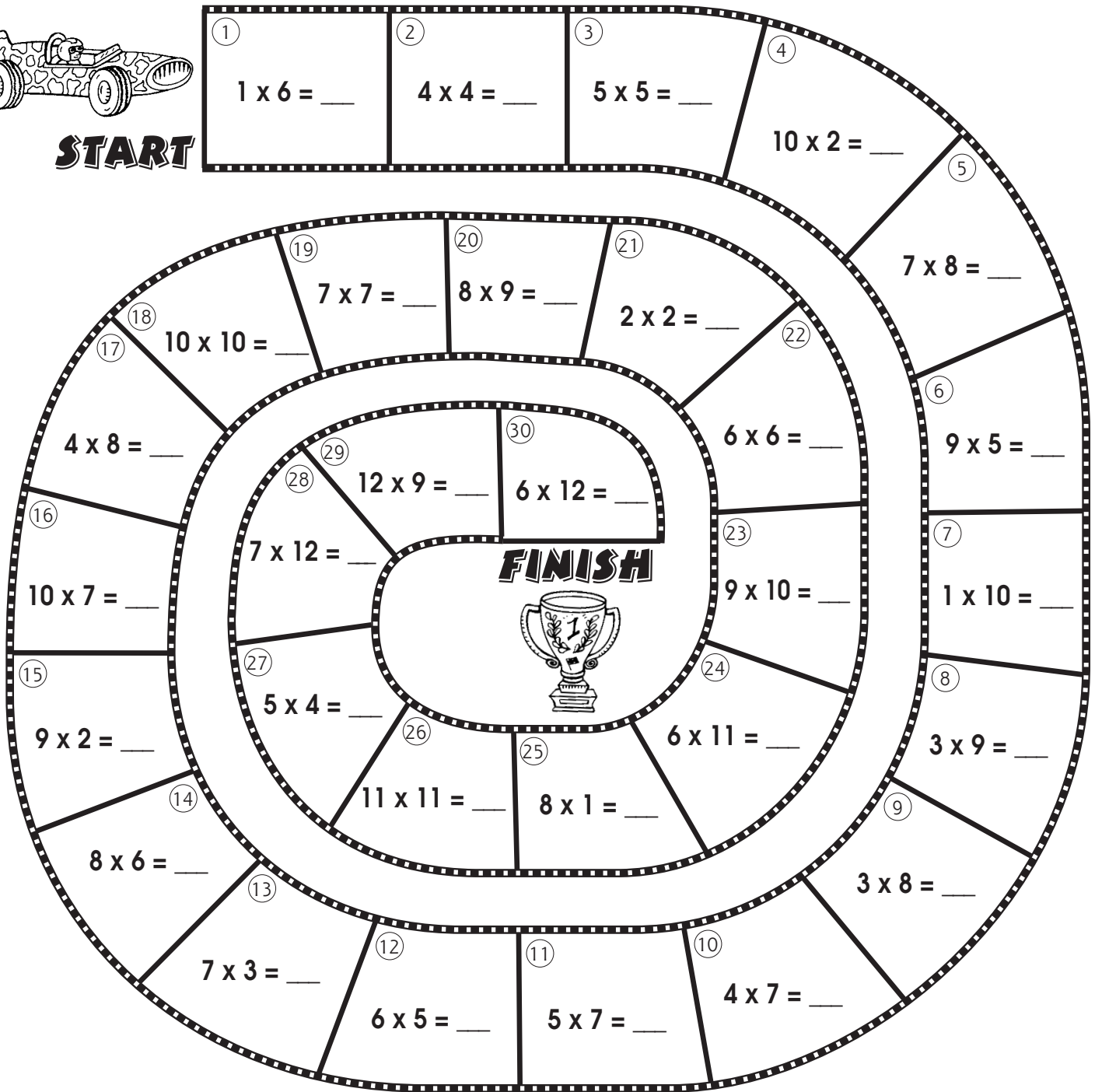
Name _____

Date _____

RACE #35



START



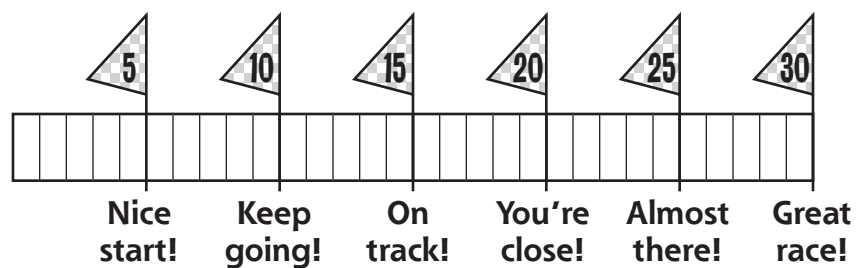
SPEED BONUS



About how fast was the fastest tennis serve? _____ MPH

(Hint: What is 15×10 ?)

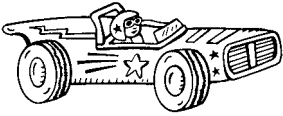
Color the chart up to your score.



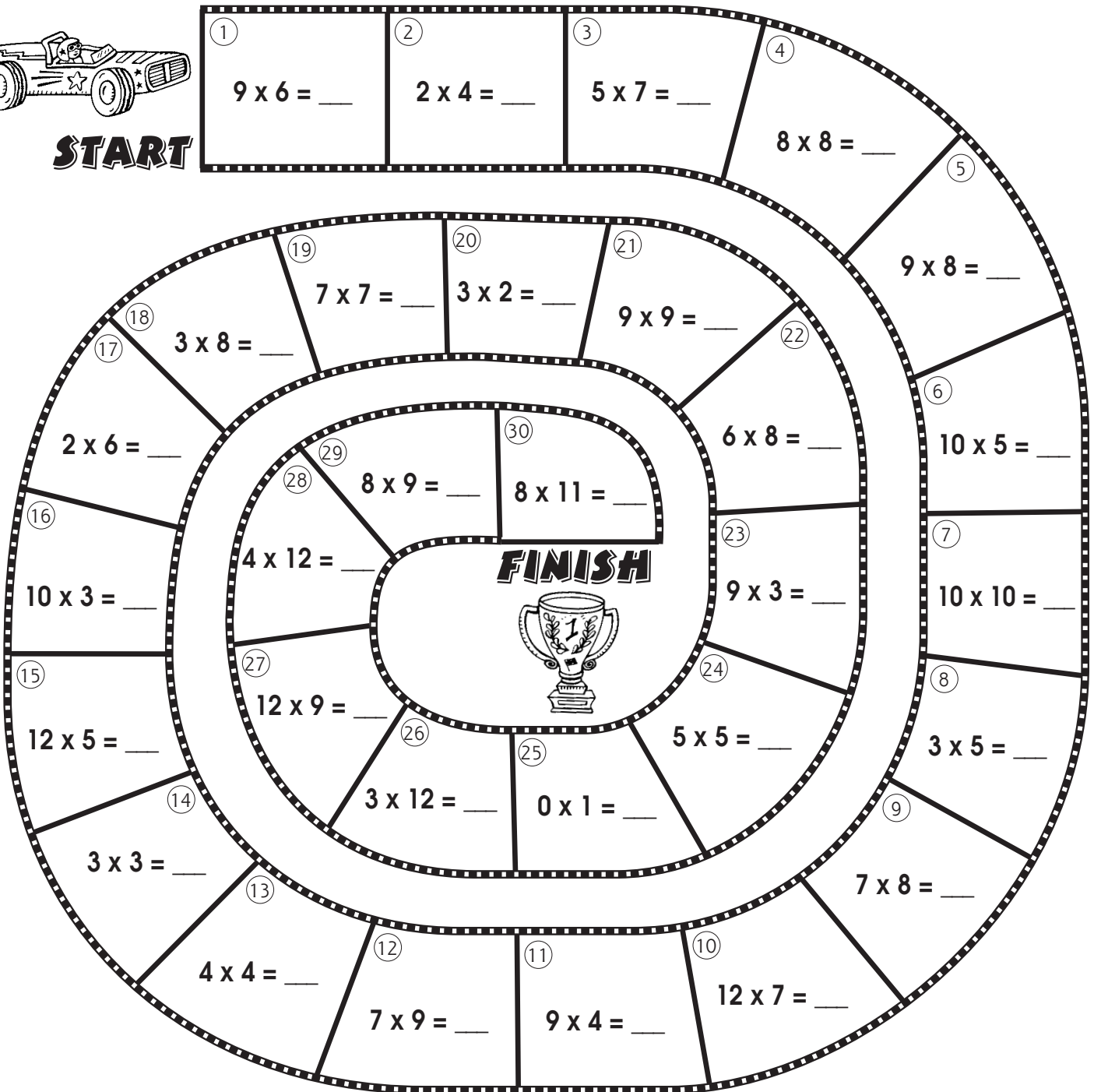
Name _____

Date _____

RACE #36



START



SPEED BONUS

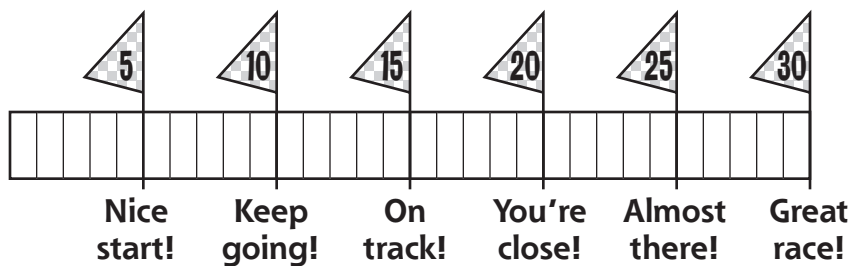
Color the chart up to your score.



About how fast does the fastest skier ski?

_____ MPH

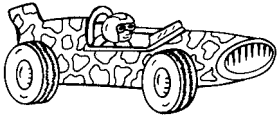
(Hint: What is 15×10 ?)



RACE #37

Name _____

Date _____



START

① $11 \times 11 = \underline{\hspace{2cm}}$	② $10 \times 4 = \underline{\hspace{2cm}}$	③ $8 \times 8 = \underline{\hspace{2cm}}$	④ $6 \times 8 = \underline{\hspace{2cm}}$
⑤ $3 \times 8 = \underline{\hspace{2cm}}$	⑥ $10 \times 0 = \underline{\hspace{2cm}}$	⑦ $3 \times 3 = \underline{\hspace{2cm}}$	⑧ $9 \times 3 = \underline{\hspace{2cm}}$
⑨ $2 \times 4 = \underline{\hspace{2cm}}$	⑩ $10 \times 12 = \underline{\hspace{2cm}}$	⑪ $4 \times 3 = \underline{\hspace{2cm}}$	⑫ $5 \times 7 = \underline{\hspace{2cm}}$
⑬ $6 \times 3 = \underline{\hspace{2cm}}$	⑭ $9 \times 6 = \underline{\hspace{2cm}}$	⑮ $4 \times 11 = \underline{\hspace{2cm}}$	⑯ $10 \times 2 = \underline{\hspace{2cm}}$
⑰ $7 \times 6 = \underline{\hspace{2cm}}$	⑱ $9 \times 8 = \underline{\hspace{2cm}}$	⑲ $7 \times 7 = \underline{\hspace{2cm}}$	⑳ $8 \times 2 = \underline{\hspace{2cm}}$
㉑ $3 \times 1 = \underline{\hspace{2cm}}$	㉒ $4 \times 8 = \underline{\hspace{2cm}}$	㉓ $9 \times 9 = \underline{\hspace{2cm}}$	㉔ $5 \times 3 = \underline{\hspace{2cm}}$
㉕ $4 \times 7 = \underline{\hspace{2cm}}$	㉖ $5 \times 12 = \underline{\hspace{2cm}}$	㉗ $11 \times 3 = \underline{\hspace{2cm}}$	㉘ $4 \times 10 = \underline{\hspace{2cm}}$
㉙ $6 \times 5 = \underline{\hspace{2cm}}$	㉚ $12 \times 5 = \underline{\hspace{2cm}}$	㉛ 30	

FINISH



SPEED BONUS

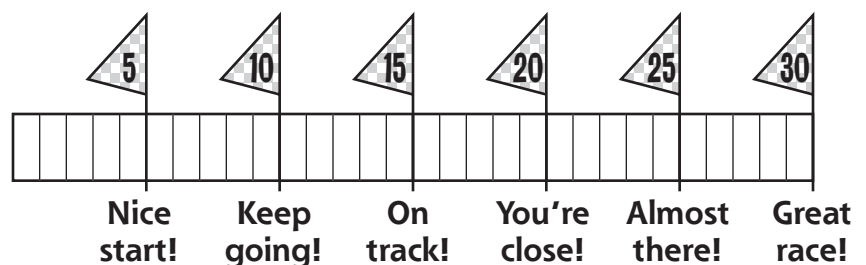


About how fast are the winds of a huge hurricane?

_____ MPH

(Hint: What is 18×9 ?)

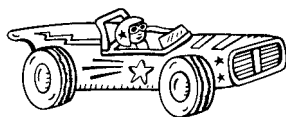
Color the chart up to your score.



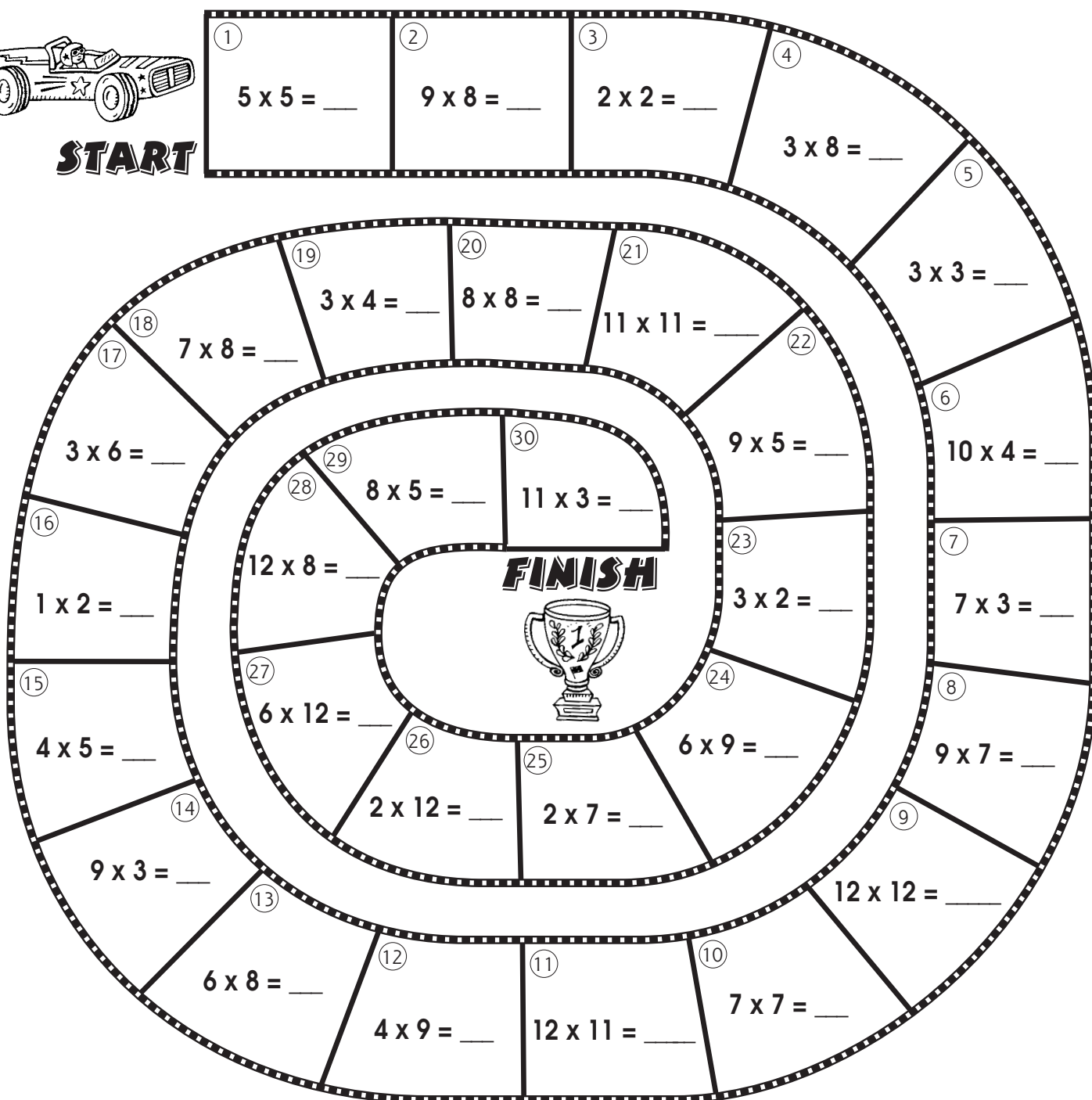
RACE #38

Name _____

Date _____



START



SPEED BONUS

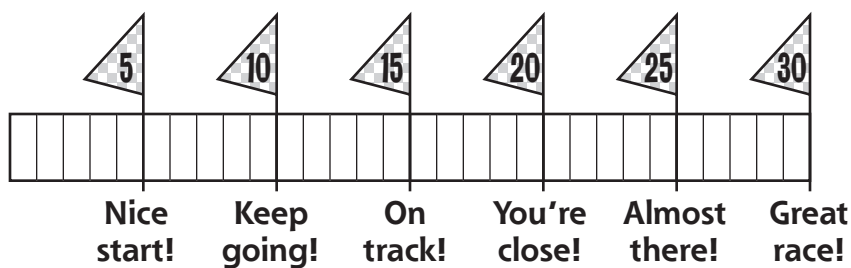


About how fast
can a falcon fly?

_____ MPH

(Hint: What is
 15×12 ?)

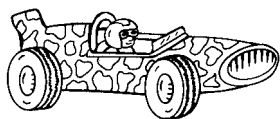
Color the chart up to your score.



RACE #39

Name _____

Date _____



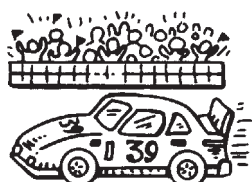
START

① $8 \times 7 = \underline{\quad}$	② $6 \times 3 = \underline{\quad}$	③ $11 \times 11 = \underline{\quad}$	④ $8 \times 8 = \underline{\quad}$
⑤ $3 \times 1 = \underline{\quad}$	⑥ $10 \times 7 = \underline{\quad}$	⑦ $7 \times 5 = \underline{\quad}$	⑧ $6 \times 7 = \underline{\quad}$
⑨ $1 \times 3 = \underline{\quad}$	⑩ $12 \times 12 = \underline{\quad}$	⑪ $4 \times 9 = \underline{\quad}$	⑫ $8 \times 9 = \underline{\quad}$
⑬ $4 \times 8 = \underline{\quad}$	⑭ $2 \times 10 = \underline{\quad}$	⑮ $5 \times 5 = \underline{\quad}$	⑯ $9 \times 6 = \underline{\quad}$
⑰ $7 \times 7 = \underline{\quad}$	⑱ $3 \times 4 = \underline{\quad}$	⑲ $5 \times 9 = \underline{\quad}$	⑳ $8 \times 12 = \underline{\quad}$
㉑ $10 \times 0 = \underline{\quad}$	㉒ $10 \times 8 = \underline{\quad}$	㉓ $12 \times 3 = \underline{\quad}$	㉔ $8 \times 7 = \underline{\quad}$
㉕ $2 \times 2 = \underline{\quad}$	㉖ $6 \times 4 = \underline{\quad}$	㉗ $2 \times 4 = \underline{\quad}$	㉘ $4 \times 9 = \underline{\quad}$
㉙ $9 \times 7 = \underline{\quad}$	㉚ $9 \times 7 = \underline{\quad}$	㉛ $12 \times 3 = \underline{\quad}$	㉜ $8 \times 12 = \underline{\quad}$

FINISH

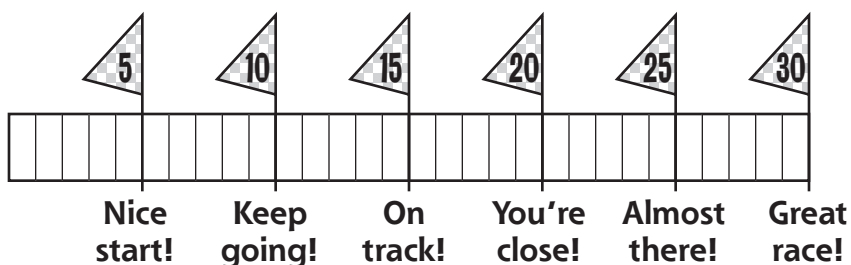


SPEED BONUS



About how fast can a stock car go? _____ MPH
(Hint: What is 15×15 ?)

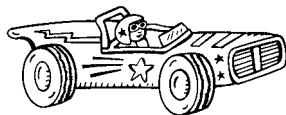
Color the chart up to your score.



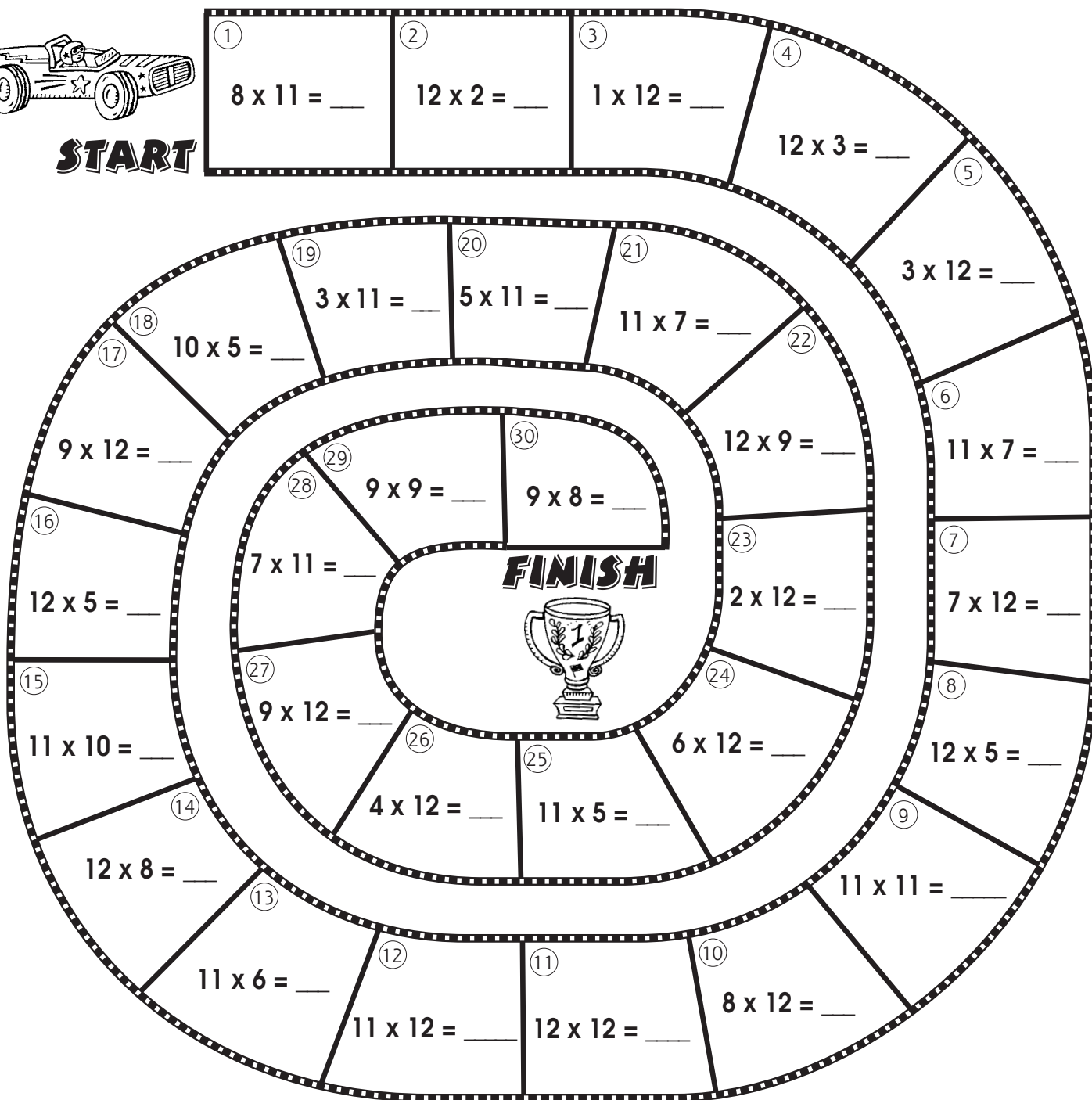
RACE #40

Name _____

Date _____



START



SPEED BONUS

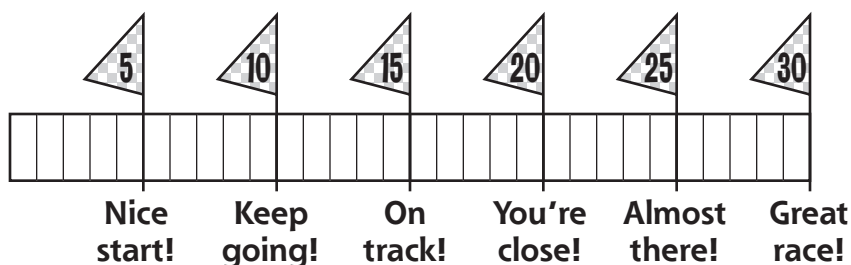


About how fast
can an airplane fly?

_____ MPH

(Hint: What is
 25×20 ?)

Color the chart up to your score.



ANSWER KEY

RACE #1	RACE #3	RACE #5	RACE #7	RACE #9	RACE #11	RACE #13
1. 0	1. 0	1. 0	1. 0	1. 0	1. 0	1. 12
2. 1	2. 3	2. 5	2. 7	2. 9	2. 3	2. 9
3. 2	3. 6	3. 10	3. 14	3. 18	3. 4	3. 27
4. 3	4. 9	4. 15	4. 21	4. 27	4. 3	4. 24
5. 4	5. 12	5. 20	5. 28	5. 36	5. 1	5. 6
6. 5	6. 15	6. 25	6. 35	6. 45	6. 2	6. 18
7. 6	7. 18	7. 30	7. 42	7. 54	7. 7	7. 15
8. 7	8. 21	8. 35	8. 49	8. 63	8. 0	8. 33
9. 8	9. 24	9. 40	9. 56	9. 72	9. 8	9. 24
10. 9	10. 27	10. 45	10. 63	10. 81	10. 11	10. 21
11. 10	11. 30	11. 50	11. 70	11. 90	11. 8	11. 0
12. 3	12. 9	12. 25	12. 21	12. 18	12. 6	12. 3
13. 0	13. 27	13. 0	13. 49	13. 0	13. 12	13. 27
14. 6	14. 12	14. 10	14. 14	14. 63	14. 7	14. 36
15. 8	15. 6	15. 5	15. 7	15. 81	15. 9	15. 9
16. 4	16. 30	16. 40	16. 70	16. 90	16. 10	16. 27
17. 10	17. 21	17. 30	17. 42	17. 54	17. 4	17. 15
18. 2	18. 3	18. 45	18. 35	18. 45	18. 5	18. 6
19. 5	19. 18	19. 15	19. 56	19. 27	19. 6	19. 30
20. 9	20. 24	20. 20	20. 0	20. 9	20. 2	20. 3
21. 7	21. 15	21. 35	21. 63	21. 36	21. 7	21. 6
22. 1	22. 0	22. 50	22. 28	22. 72	22. 8	22. 9
23. 7	23. 21	23. 40	23. 56	23. 63	23. 6	23. 18
24. 2	24. 24	24. 20	24. 21	24. 36	24. 4	24. 12
25. 4	25. 0	25. 5	25. 7	25. 45	25. 10	25. 18
26. 10	26. 30	26. 50	26. 70	26. 9	26. 1	26. 30
27. 6	27. 12	27. 45	27. 35	27. 27	27. 9	27. 24
28. 9	28. 27	28. 10	28. 42	28. 0	28. 0	28. 15
29. 3	29. 6	29. 35	29. 14	29. 90	29. 5	29. 21
30. 8	30. 18	30. 25	30. 49	30. 18	30. 3	30. 12
RACE #2	RACE #4	RACE #6	RACE #8	RACE #10	RACE #12	RACE #14
1. 0	1. 0	1. 0	1. 0	1. 0	1. 14	1. 8
2. 2	2. 4	2. 6	2. 8	2. 10	2. 24	2. 24
3. 4	3. 8	3. 12	3. 16	3. 20	3. 0	3. 20
4. 6	4. 12	4. 18	4. 24	4. 30	4. 20	4. 12
5. 8	5. 16	5. 24	5. 32	5. 40	5. 6	5. 36
6. 10	6. 20	6. 30	6. 40	6. 50	6. 16	6. 4
7. 12	7. 24	7. 36	7. 48	7. 60	7. 4	7. 20
8. 14	8. 28	8. 42	8. 56	8. 70	8. 18	8. 16
9. 16	9. 32	9. 48	9. 64	9. 80	9. 16	9. 32
10. 18	10. 36	10. 54	10. 72	10. 90	10. 12	10. 28
11. 20	11. 40	11. 60	11. 80	11. 100	11. 2	11. 40
12. 6	12. 28	12. 12	12. 32	12. 20	12. 12	12. 24
13. 0	13. 36	13. 48	13. 0	13. 0	13. 24	13. 44
14. 16	14. 8	14. 54	14. 8	14. 70	14. 18	14. 4
15. 8	15. 4	15. 6	15. 72	15. 60	15. 8	15. 36
16. 18	16. 32	16. 60	16. 80	16. 30	16. 16	16. 12
17. 10	17. 40	17. 24	17. 48	17. 40	17. 10	17. 20
18. 2	18. 0	18. 30	18. 40	18. 50	18. 8	18. 36
19. 12	19. 24	19. 18	19. 64	19. 90	19. 6	19. 32
20. 4	20. 20	20. 0	20. 16	20. 10	20. 4	20. 16
21. 14	21. 12	21. 42	21. 24	21. 100	21. 20	21. 48
22. 20	22. 16	22. 36	22. 56	22. 80	22. 8	22. 28
23. 14	23. 32	23. 48	23. 16	23. 30	23. 14	23. 32
24. 18	24. 8	24. 12	24. 32	24. 40	24. 22	24. 8
25. 8	25. 0	25. 6	25. 40	25. 90	25. 2	25. 4
26. 20	26. 40	26. 60	26. 8	26. 10	26. 10	26. 40
27. 10	27. 16	27. 18	27. 64	27. 50	27. 20	27. 16
28. 2	28. 28	28. 24	28. 56	28. 0	28. 18	28. 8
29. 12	29. 36	29. 36	29. 80	29. 80	29. 14	29. 28
30. 16	30. 4	30. 42	30. 24	30. 20	30. 12	30. 0

ANSWER KEY

RACE #15	RACE #17	RACE #19	RACE #21	RACE #23	RACE #25	RACE #27
1. 5	1. 63	1. 36	1. 27	1. 12	1. 1	1. 49
2. 10	2. 42	2. 63	2. 3	2. 3	2. 4	2. 48
3. 35	3. 70	3. 18	3. 24	3. 9	3. 9	3. 30
4. 15	4. 49	4. 90	4. 15	4. 80	4. 16	4. 42
5. 25	5. 84	5. 27	5. 48	5. 8	5. 25	5. 0
6. 50	6. 21	6. 45	6. 16	6. 6	6. 36	6. 15
7. 30	7. 7	7. 99	7. 42	7. 45	7. 49	7. 9
8. 40	8. 56	8. 45	8. 9	8. 40	8. 64	8. 24
9. 55	9. 21	9. 27	9. 32	9. 16	9. 81	9. 21
10. 50	10. 42	10. 90	10. 18	10. 77	10. 100	10. 18
11. 15	11. 14	11. 72	11. 88	11. 24	11. 2	11. 60
12. 10	12. 28	12. 81	12. 12	12. 70	12. 6	12. 32
13. 20	13. 77	13. 36	13. 0	13. 60	13. 12	13. 66
14. 25	14. 35	14. 108	14. 49	14. 0	14. 20	14. 35
15. 45	15. 14	15. 18	15. 54	15. 72	15. 30	15. 50
16. 30	16. 70	16. 45	16. 30	16. 72	16. 42	16. 60
17. 60	17. 28	17. 72	17. 44	17. 15	17. 56	17. 36
18. 40	18. 56	18. 90	18. 45	18. 18	18. 72	18. 16
19. 50	19. 0	19. 18	19. 6	19. 2	19. 90	19. 63
20. 5	20. 21	20. 63	20. 5	20. 28	20. 3	20. 3
21. 20	21. 28	21. 99	21. 20	21. 20	21. 8	21. 28
22. 25	22. 49	22. 54	22. 56	22. 27	22. 15	22. 64
23. 20	23. 35	23. 63	23. 7	23. 30	23. 24	23. 10
24. 35	24. 56	24. 81	24. 16	24. 21	24. 35	24. 72
25. 40	25. 84	25. 27	25. 90	25. 48	25. 48	25. 48
26. 45	26. 70	26. 54	26. 2	26. 0	26. 63	26. 27
27. 15	27. 63	27. 0	27. 36	27. 64	27. 80	27. 90
28. 0	28. 42	28. 9	28. 35	28. 10	28. 0	28. 54
29. 45	29. 14	29. 72	29. 48	29. 42	29. 18	29. 12
30. 10	30. 35	30. 36	30. 21	30. 36	30. 10	30. 20
RACE #16	RACE #18	RACE #20	RACE #22	RACE #24	RACE #26	RACE #28
1. 12	1. 16	1. 50	1. 28	1. 8	1. 8	1. 14
2. 54	2. 72	2. 60	2. 8	2. 24	2. 5	2. 54
3. 30	3. 24	3. 30	3. 0	3. 50	3. 15	3. 55
4. 48	4. 80	4. 90	4. 50	4. 5	4. 32	4. 60
5. 66	5. 56	5. 110	5. 36	5. 36	5. 0	5. 0
6. 60	6. 40	6. 10	6. 64	6. 9	6. 20	6. 35
7. 42	7. 48	7. 70	7. 12	7. 35	7. 63	7. 9
8. 6	8. 64	8. 80	8. 27	8. 10	8. 12	8. 64
9. 18	9. 96	9. 100	9. 40	9. 56	9. 84	9. 18
10. 24	10. 32	10. 120	10. 24	10. 14	10. 30	10. 108
11. 12	11. 16	11. 30	11. 10	11. 84	11. 22	11. 16
12. 72	12. 32	12. 40	12. 48	12. 60	12. 21	12. 32
13. 48	13. 48	13. 50	13. 14	13. 12	13. 96	13. 36
14. 30	14. 72	14. 70	14. 63	14. 0	14. 25	14. 96
15. 66	15. 56	15. 60	15. 24	15. 66	15. 40	15. 56
16. 36	16. 8	16. 100	16. 80	16. 21	16. 70	16. 28
17. 42	17. 40	17. 10	17. 25	17. 20	17. 28	17. 40
18. 54	18. 80	18. 70	18. 36	18. 18	18. 54	18. 80
19. 18	19. 88	19. 40	19. 18	19. 40	19. 6	19. 49
20. 6	20. 24	20. 20	20. 4	20. 64	20. 9	20. 6
21. 60	21. 32	21. 20	21. 100	21. 30	21. 36	21. 4
22. 24	22. 48	22. 60	22. 12	22. 42	22. 4	22. 30
23. 12	23. 0	23. 90	23. 42	23. 81	23. 18	23. 21
24. 48	24. 80	24. 80	24. 32	24. 24	24. 48	24. 20
25. 0	25. 56	25. 30	25. 99	25. 15	25. 49	25. 24
26. 36	26. 40	26. 0	26. 90	26. 4	26. 3	26. 55
27. 60	27. 72	27. 50	27. 18	27. 7	27. 10	27. 81
28. 18	28. 64	28. 10	28. 15	28. 16	28. 24	28. 42
29. 42	29. 24	29. 90	29. 49	29. 63	29. 14	29. 27
30. 54	30. 16	30. 40	30. 54	30. 27	30. 45	30. 12

ANSWER KEY

RACE #29	RACE #31	RACE #33	RACE #35	RACE #37	RACE #39	Speed Bonus
1. 8	1. 100	1. 4	1. 6	1. 121	1. 56	Race #
2. 25	2. 64	2. 18	2. 16	2. 40	2. 18	1. 1
3. 12	3. 110	3. 60	3. 25	3. 64	3. 121	2. 16
4. 40	4. 81	4. 32	4. 20	4. 48	4. 64	3. 30
5. 24	5. 49	5. 21	5. 56	5. 24	5. 3	4. 8
6. 45	6. 2	6. 0	6. 45	6. 0	6. 70	5. 10
7. 0	7. 70	7. 48	7. 10	7. 9	7. 35	6. 12
8. 35	8. 45	8. 63	8. 27	8. 27	8. 42	7. 28
9. 9	9. 50	9. 14	9. 24	9. 8	9. 3	8. 8
10. 20	10. 120	10. 42	10. 28	10. 120	10. 144	9. 36
11. 56	11. 9	11. 64	11. 35	11. 12	11. 36	10. 50
12. 28	12. 48	12. 54	12. 30	12. 35	12. 72	11. 13
13. 36	13. 25	13. 121	13. 21	13. 18	13. 30	12. 12
14. 40	14. 63	14. 60	14. 48	14. 54	14. 32	13. 30
15. 49	15. 6	15. 49	15. 18	15. 44	15. 20	14. 32
16. 16	16. 27	16. 2	16. 70	16. 20	16. 25	15. 30
17. 64	17. 30	17. 80	17. 32	17. 42	17. 54	16. 42
18. 81	18. 56	18. 27	18. 100	18. 72	18. 49	17. 35
19. 10	19. 32	19. 40	19. 49	19. 49	19. 12	18. 32
20. 14	20. 16	20. 1	20. 72	20. 16	20. 80	19. 9
21. 16	21. 18	21. 3	21. 4	21. 3	21. 0	20. 40
22. 30	22. 48	22. 15	22. 36	22. 32	22. 63	21. 40
23. 42	23. 21	23. 56	23. 90	23. 81	23. 4	22. 27
24. 22	24. 36	24. 45	24. 66	24. 15	24. 24	23. 25
25. 54	25. 40	25. 36	25. 8	25. 28	25. 8	24. 42
26. 32	26. 22	26. 63	26. 121	26. 60	26. 56	25. 25
27. 18	27. 42	27. 72	27. 20	27. 33	27. 36	26. 50
28. 21	28. 60	28. 60	28. 84	28. 40	28. 45	27. 50
29. 72	29. 48	29. 48	29. 108	29. 30	29. 96	28. 60
30. 12	30. 99	30. 77	30. 72	30. 60	30. 36	29. 70
RACE #30	RACE #32	RACE #34	RACE #36	RACE #38	RACE #40	30. 90
1. 50	1. 108	1. 63	1. 54	1. 25	1. 88	31. 180
2. 99	2. 4	2. 9	2. 8	2. 72	2. 24	32. 105
3. 48	3. 54	3. 30	3. 35	3. 4	3. 12	33. 120
4. 81	4. 28	4. 14	4. 64	4. 24	4. 36	34. 120
5. 16	5. 22	5. 24	5. 72	5. 9	5. 36	35. 150
6. 5	6. 100	6. 50	6. 50	6. 40	6. 77	36. 150
7. 7	7. 8	7. 56	7. 100	7. 21	7. 84	37. 162
8. 72	8. 81	8. 54	8. 15	8. 63	8. 60	38. 180
9. 36	9. 14	9. 45	9. 56	9. 144	9. 121	39. 225
10. 100	10. 24	10. 16	10. 84	10. 49	10. 96	40. 500
11. 15	11. 120	11. 25	11. 36	11. 132	11. 144	
12. 88	12. 12	12. 110	12. 63	12. 36	12. 132	
13. 45	13. 40	13. 20	13. 16	13. 48	13. 66	
14. 56	14. 48	14. 72	14. 9	14. 27	14. 96	
15. 42	15. 21	15. 72	15. 60	15. 20	15. 110	
16. 18	16. 45	16. 10	16. 30	16. 2	16. 60	
17. 40	17. 16	17. 32	17. 12	17. 18	17. 108	
18. 49	18. 72	18. 0	18. 24	18. 56	18. 50	
19. 20	19. 20	19. 21	19. 49	19. 12	19. 33	
20. 16	20. 7	20. 27	20. 6	20. 64	20. 55	
21. 72	21. 0	21. 4	21. 81	21. 121	21. 77	
22. 12	22. 42	22. 42	22. 48	22. 45	22. 108	
23. 63	23. 9	23. 18	23. 27	23. 6	23. 24	
24. 24	24. 30	24. 40	24. 25	24. 54	24. 72	
25. 4	25. 96	25. 80	25. 0	25. 14	25. 55	
26. 80	26. 63	26. 60	26. 36	26. 24	26. 48	
27. 35	27. 44	27. 24	27. 108	27. 72	27. 108	
28. 3	28. 36	28. 99	28. 48	28. 96	28. 77	
29. 0	29. 66	29. 77	29. 72	29. 40	29. 81	
30. 36	30. 72	30. 96	30. 88	30. 33	30. 72	