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BLAZE
STEM ACTIVITY
PACK



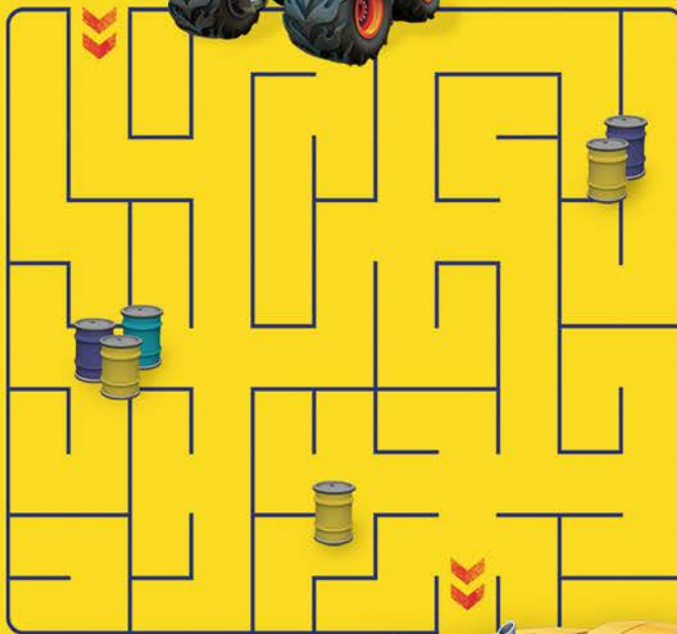
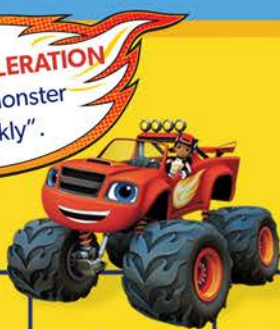
SCIENCE

SEE IF YOU CAN HELP AJ AND BLAZE SOLVE THESE SCIENCE, TECHNOLOGY, ENGINEERING AND MATH PROBLEMS!

WITH **TOP WING**
AND **BLAZE**

BLAZE AND AJ NEED TO FIGURE OUT THE WAY TO THE MONSTER DOME. CAN YOU DRAW A PATH FOR THEM?

"We'll need **ACCELERATION** to get to the Monster Dome quickly".



SCIENCE:

"knowledge attained through study or practice"



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TECHNOLOGY

SEE IF YOU CAN HELP AJ AND BLAZE SOLVE THESE SCIENCE, TECHNOLOGY, ENGINEERING AND MATH PROBLEMS!

WITH **TOP WING AND BLAZE**

CIRCLE THE RAMP THAT WILL HELP BLAZE JUMP THE HIGHEST

Blaze speeds toward three ramps, only one can get him a high enough **TRAJECTORY** to get over the mud ball.

1.



2.



3.



TECHNOLOGY:

"Explores tools, machines and materials used to solve problems."

Answer: #2

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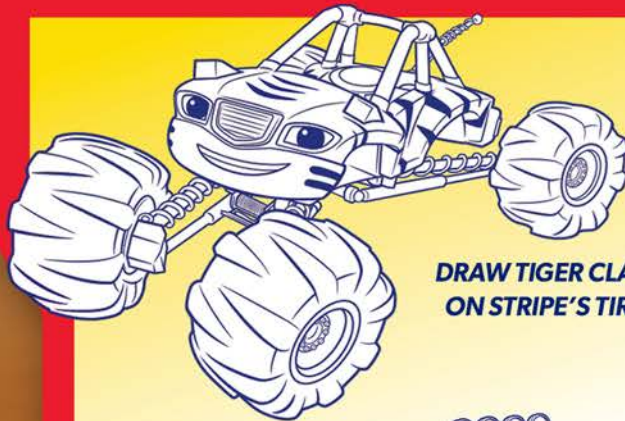
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ENGINEERING

SEE IF YOU CAN HELP AJ AND BLAZE SOLVE THESE SCIENCE, TECHNOLOGY, ENGINEERING AND MATH PROBLEMS!

"We need to get over the Axle City Garage!"
Stripes growled. I can climb with my tiger claws.
They give me great **TRACTION!**"



**DRAW TIGER CLAWS
ON STRIPE'S TIRES**

Blaze transformed into a
glider to sail over the
garage.

DRAW HIS WINGS



ENGINEERING:

"The design and construction of powerful machines"

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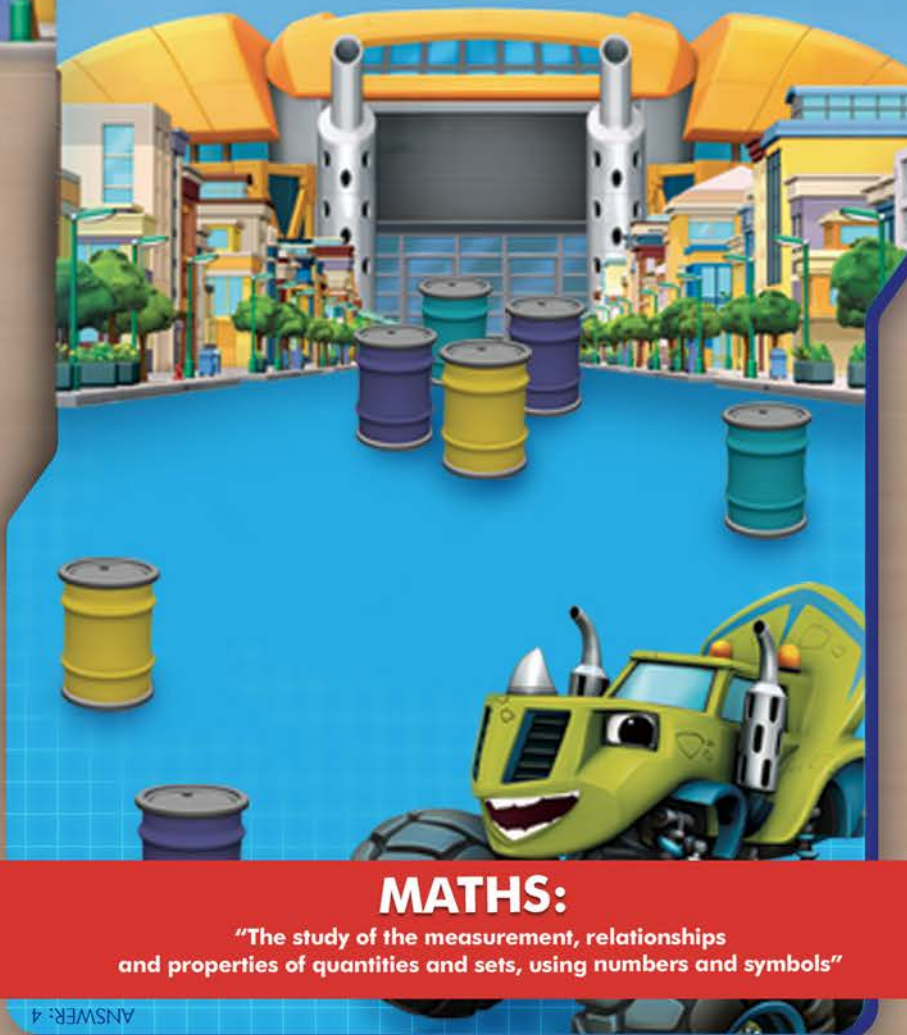
MATH

SEE IF YOU CAN HELP AJ AND BLAZE SOLVE THESE SCIENCE, TECHNOLOGY, ENGINEERING AND MATH PROBLEMS!

WITH **TOP WING
AND BLAZE**

Zeg needs to use **FORCE** to clear the path to the Monster Dome for Blaze! Draw an 'X' over the oil drums that Zeg needs to smash and bash.

HOW MANY BARRELS ARE IN THE WAY? _____



MATHS:

"The study of the measurement, relationships and properties of quantities and sets, using numbers and symbols"

ANSWER: 4

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