



FUN WITH GEMS

3rd-6th Grade
Activities



GUESS THAT GEM

Answers can be used more than once!

TANZANITE
GARNET
AMETHYST

TOURMALINE
AQUAMARINE



A _____



B _____



C _____



D _____



E _____



F _____



G _____



H _____

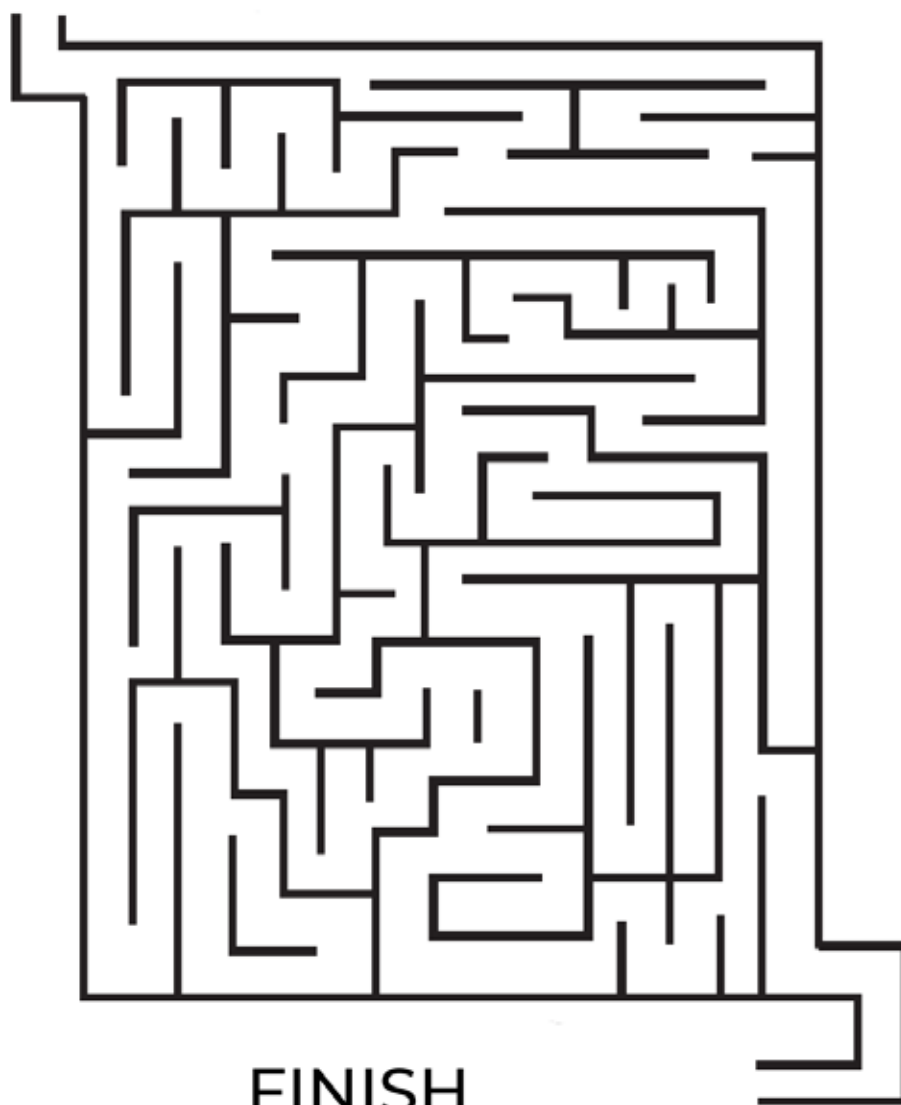
A. Tourmaline (Pink) B. Garnet (Crossular) C. Garnet (Tsavorite) D. Garnet (Tsavorite)
E. Tanzanite F. Aquamarine G. Tanzanite H. Amethyst



DIG DEEP

Can you help the miner find the gem?

START



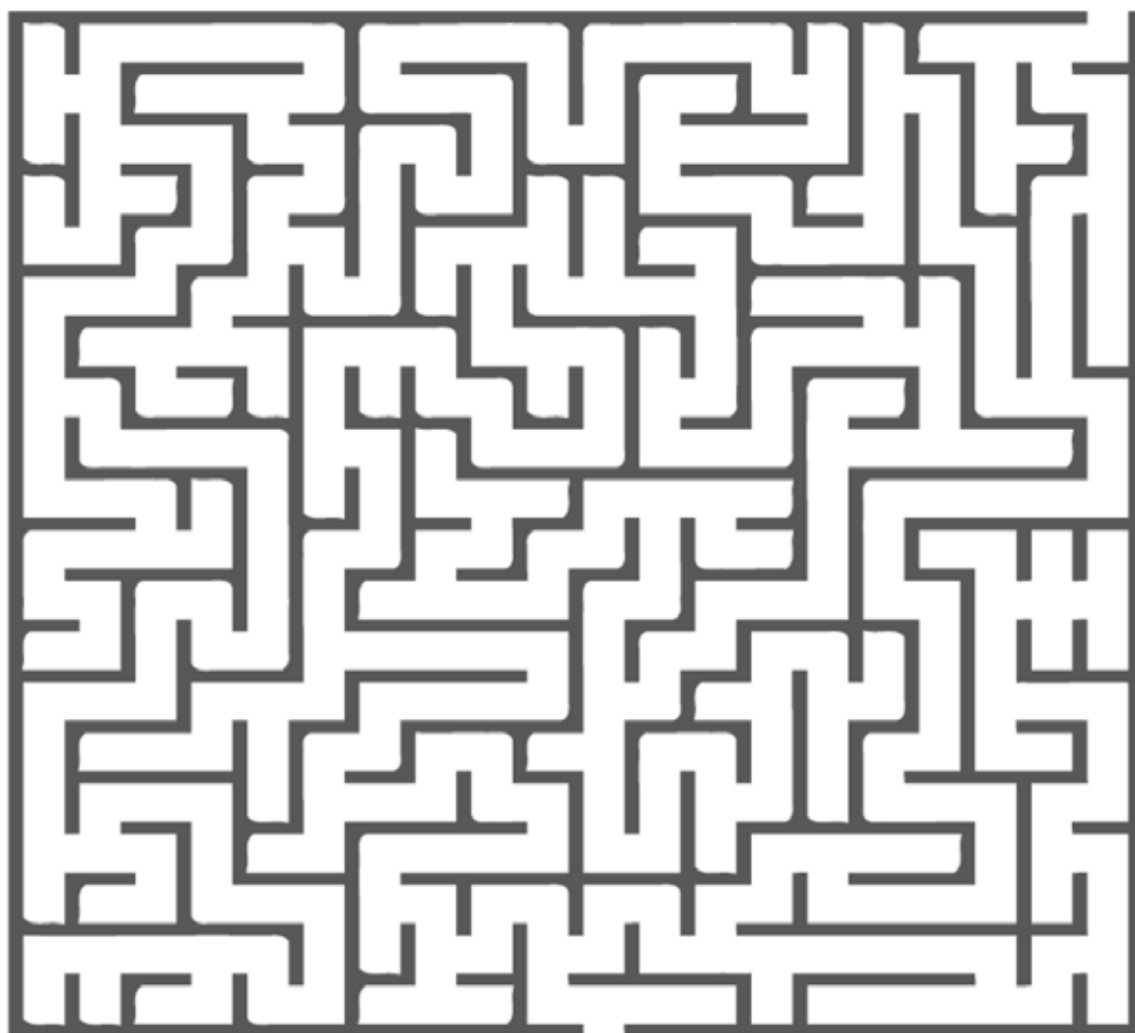
FINISH



ROUGH TO POLISHED

Can you help the cutter facet the gem?

START



FINISH



CAN YOU DECODE?

Unscramble the words to find the shapes of gems!

NEXAHGO

REAP PEHSA

URODN

IGANLTRE

TECALNRGE

USAQER

TOP TO BOTTOM: hexagon, pear shape, round, triangle, rectangle, square



WORD SEARCH

Can you find all the birthstones? Watch for diagonals!

P Z D O A S A S T K S J P H Q
R I I X M P T G A D B H Z S C
P R A Y E I O A B P B R P U I
P C M D T N P R D O P A S A T
E O O Q H E A N W P T H Q S R
R N N E Y L Z E B A F M I K I
I A D T S R Z T Z L A T U R N
D M M T T A N Z A N I T E Q E
O B A L E X A N D R I T E M P
T K J U M T U R Q U O I S E U
L Z O P A T O U R M A L I N E
K O E E O A E H Q R F R C H B
A Q U A M A R I N E U C R X D
E M E R A L D C L X K B N H N
F R W L B X P R T C T R Y C O

Here's what you're looking for:

Alexandrite
Aquamarine
Tourmaline
Tanzanite
Sapphire
Citrine

Emerald
Turquoise
Diamond
Zircon
Spinel
Garnet

Ruby
Amethyst
Peridot
Topaz
Pearl
Opal



FIND THE MATCH

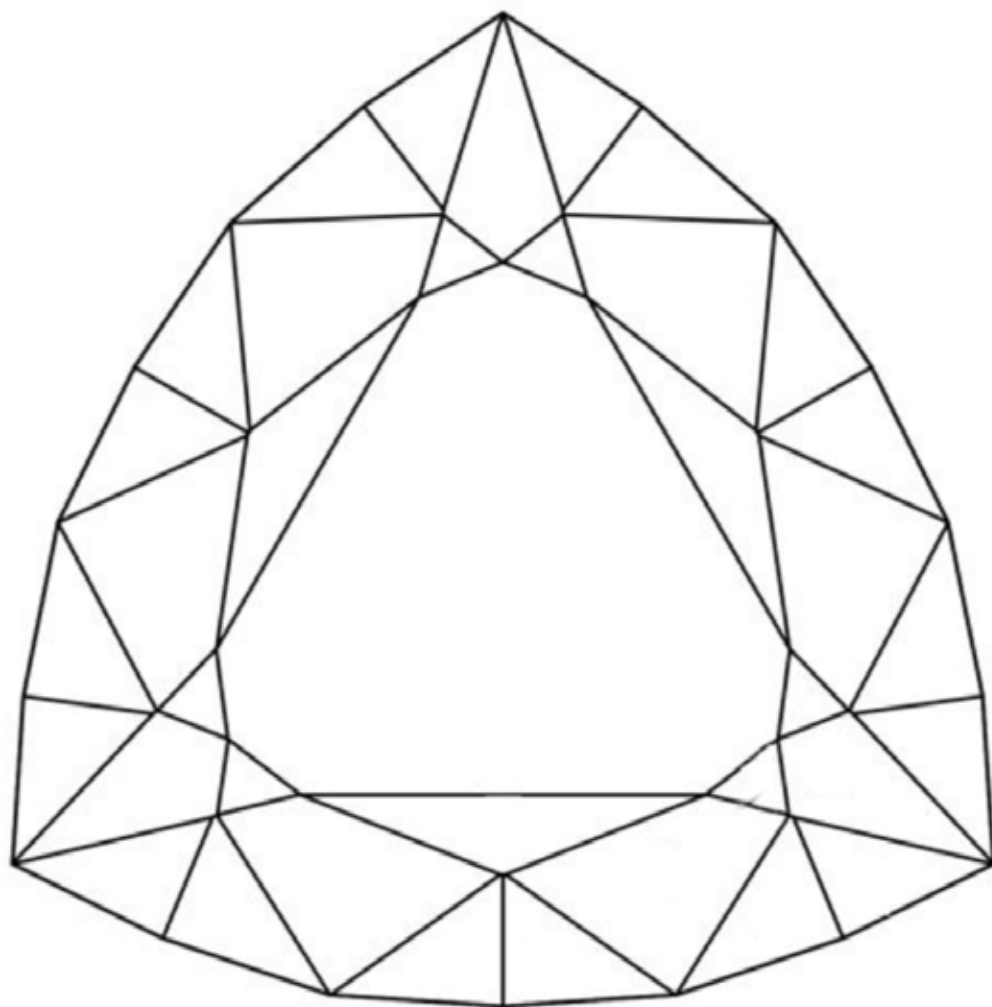
Draw a line between each birthstone to its correct month!

Tanzanite & Zircon	October
Sapphire	July
Emerald	March
Tourmaline & Opal	January
Peridot & Spinel	August
Garnet	April
Aquamarine	November
Amethyst	February
Topaz & Citrine	May
Pearl & Alexandrite	December
Ruby	June
Diamond	September



COLOR ME

You get to decide my identity!

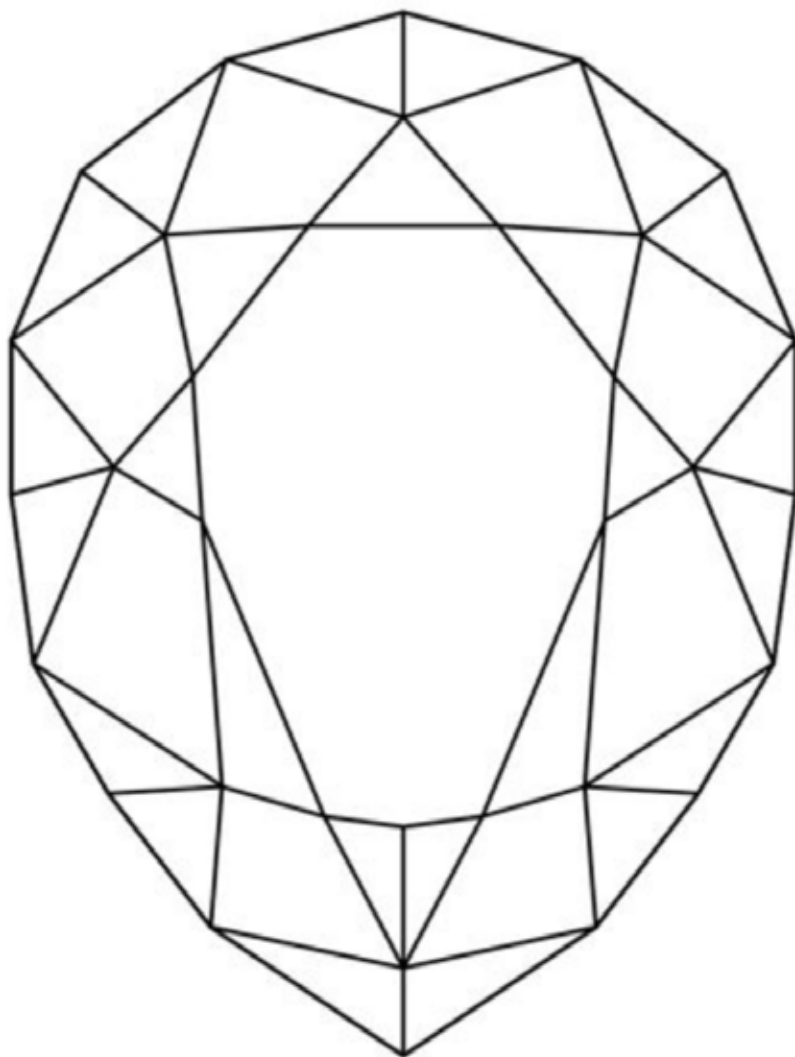


I AM A _____



COLOR ME

You get to decide my identity!

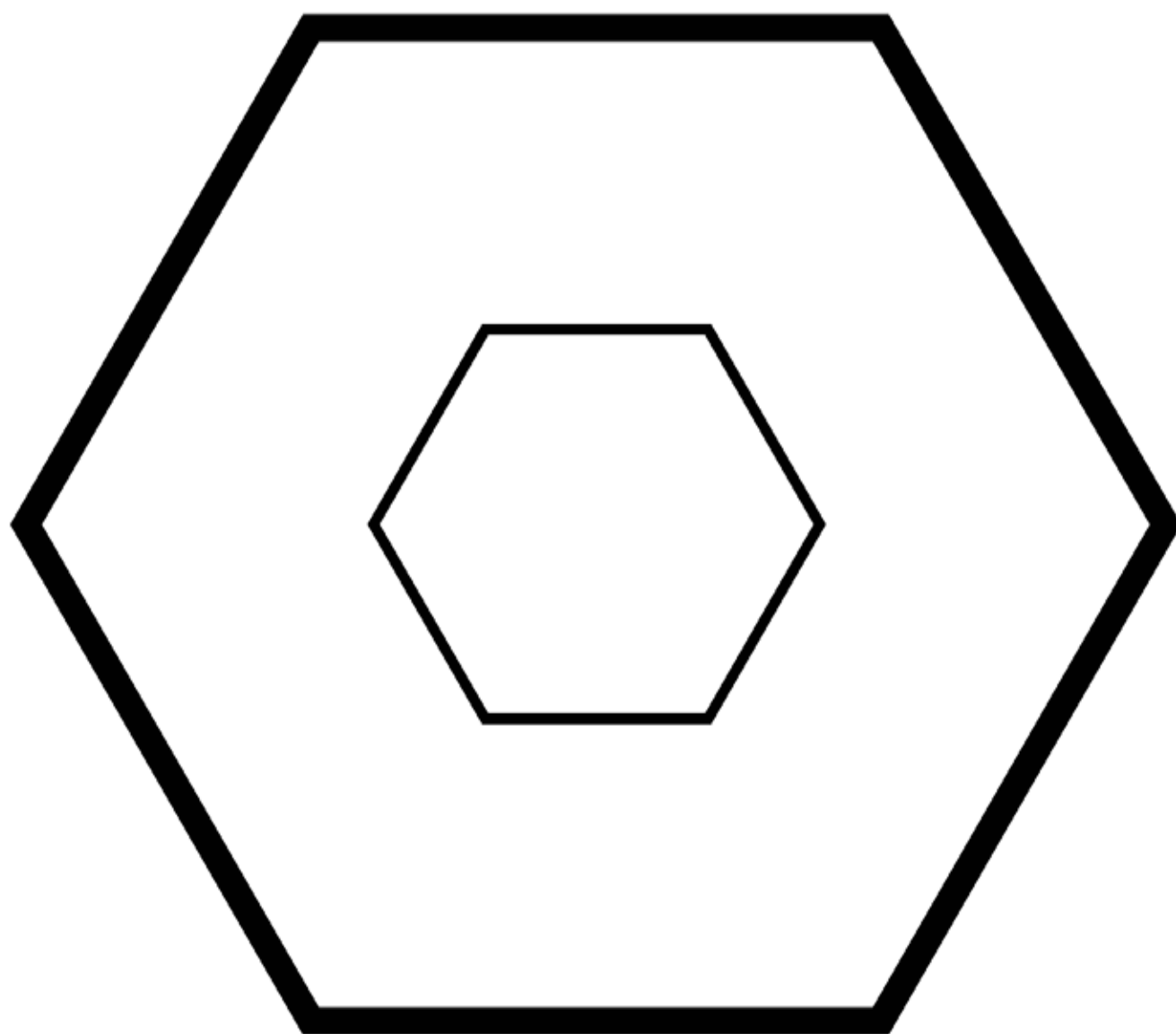


I AM A _____



CREATE YOUR OWN

Create your own design of facets inside the gem's outline! Remember, facets always have straight lines! Don't put any facets in your table (the smaller hexagon)!





CREATE YOUR OWN

Create your own design of facets inside the gem's outline! Remember, facets always have straight lines! Don't put any facets in your table (the smaller square)!

