

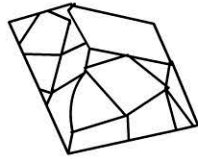
Name: \_\_\_\_\_

Date: \_\_\_\_\_

Theme Based Study Sheet

### Diamond facts

Diamond is the hardest natural substance, but it is also very brittle .



South Africa is the major producer of diamonds.

In France during the 13th century, there was a law that said that only kings can wear diamonds.

A diamond is the best tool for cutting glass.

Not all diamonds are white. There are also blue, green, pink and red diamonds.

The Cullinan diamond was the biggest diamond ever found. It weighed 0.62 kg uncut.

Diamond is a birthstone for people born in April.

Do you know any more interesting facts about diamonds?

### Discussion text

"Diamonds are a girl's best friend."

Write a discussion text about this famous saying. You may take a humorous or serious point of view.

In a discussion text you should look at and discuss both sides of the topic. (You could also talk to family and friends to get their views on the topic.)

Plan before you write.

List some reasons why this might be true.

List some reasons why this might not be true.

In the discussion, you could also consider, if diamonds are a girl's best friend, "what is a boy's best friend?"

### Diamond jewellery

Research and draw the different shapes of diamonds including pear, oval, heart, rose, round and princess.

Design some pieces of jewellery suitable for royalty.

For inspiration, look at examples of the crown jewels of different royal families.



Your pieces may include crowns, sceptres, orbs, swords, rings, and necklaces,

### Number Cruncher

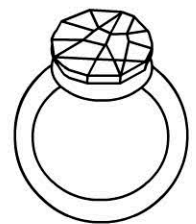
Dani the diamond dealer bought 15 uncut diamonds.

The average price Dani paid per diamond was \$2500 .

To transport and insure each diamond cost Dani \$120.

The jewellery maker charged \$500 to cut each diamond and set it in a ring.

If Dani sold each diamond ring for \$4100, what was her total profit?



### Extension research

What are diamonds made from?

What is a carat?

What is a Cubic Zirconia?

What are "blood diamonds"?



For more fun and revision you can play games online using Studyladder's website.