

Rising Star



August
2010

..... The Youth Newsletter of your Alhambra Credit Union



'Magic' 72

Test your knowledge—You are 24 years old and have \$5,000 saved. You want to double it in 8 years. What rate of interest do you need to earn? How old will you be when your investment reaches \$20,000?

Answer — 9% 40 years old

• How long will it take to double my money?

Kids—The number **72** has a certain 'magic' ... you can use it to calculate how long it will take to double your money if it is invested at a particular interest rate. Start with the interest rate you expect to earn. Divide it into 72. For example, if you expect 6%

$$6 (\%) \div 72 = 12 \quad \text{It will take 12 years to double your money.}$$

Want to know how fast your investments will double? Here's an example: You are 18 and have saved \$3,000 and you put it into an account that earns 8%. Using 'Magic 72' it will take 9 years to double your money. At 27, you will have \$6,000 if you add nothing to your account. At 36 you'll have \$12,000, at 54 \$48,000. Your money continues to work for you. All you have to do is keep it there.

• What interest rate do I need to double my money?

Just flip the equation. Enter the number of years you will keep your money invested and divide into 72.

$$6 (\text{years}) \div 72 = 12$$

You will need to earn 12% to double your savings in 6 years.



Children's

A Day at the ^Museum



Kids ... traditional museums are places that house and care for a *collection* of artifacts and other cool objects that are important to history, science or art and put them on display for the public in *exhibitions*. They have a policy of 'look but do not touch.' Children's museums are special; they have inter-active exhibits that are designed to be explored by kids. Lots of the exhibits are HANDS-ON.

The first museum in the world created just for children is the Brooklyn Children's Museum founded in 1899. The museum "encourages children to develop an understanding of and respect for themselves, others and the world around them by exploring cultures, the arts, science, and the environment." The idea for a children's museum started in the United States and spread worldwide; now there are museums just for kids in Europe, South America and Asia!

HISTORY

Jump to JAPAN — Discovering Culture through Popular Art

July 16 - October 10, 2010 • Arizona Museum for Youth • www.arizonamuseumforyouth.com



Kids—Discover Japanese culture Hands-On at this special exhibition ...

Arizona's Children's Museums

- There are two art-making stations where you can **create** your own animation and *manga* comics.
- **Dress** in a Kimono or other traditional clothing.
- **Find out** how a Woodblock Print is made.
- **Serve tea** in a traditional Japanese house and lots more.

Two more Arizona children's museums you might want to check out are:

Children's Museum of Phoenix
www.childrensmuseumofphoenix.org

Tucson Children's Museum
www.tucsonchildrensmuseum.org

▶▶▶ Create an animation & manga!



▶▶▶ Dress in traditional clothing