


$$E = mc^2$$

www.txt2pic.com

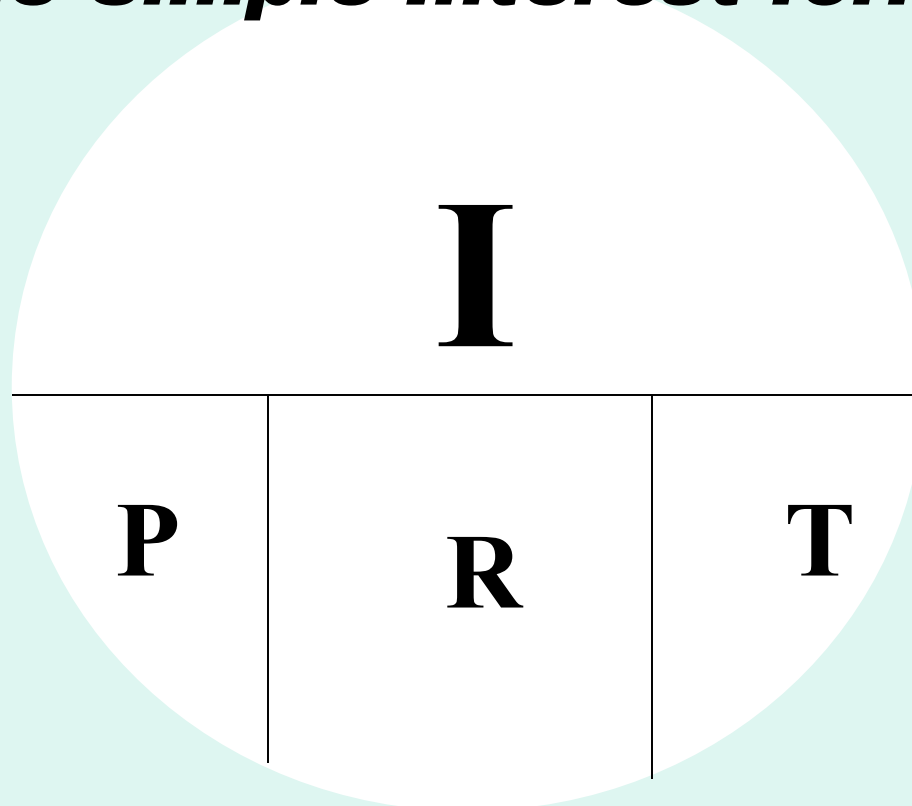
What if you **NEED** to find
RATE or **PRINCIPLE** or **TIME**
because **INTEREST** &
two other options are
already given??

WHAT WOULD YOU DO??

**HELP
IS
ON
THE
WAY....**

Check this out!

**USE this handy memory helper
to find any **ONE** part
of the *Simple Interest* formula**



The **Vertical Lines** *mean* **MULTIPLY** & the
Horizontal Line *means* **DIVIDE**

**Let's learn
when to use
this handy-
dandy helper!!**

When will you earn \$54 in interest if you invest \$100 at 3.5%?

Find T

$$I = 54$$

$$P = 100$$

$$R = .035$$

T

$$\frac{54}{100 \cdot .035}$$

$$T = \frac{54}{3.5}$$

15 Years

If you saved \$100 for 8 years and earned \$54 in interest, what was your interest rate?

Find R

$$I = 54$$

$$P = 100$$

R

$$T = 8$$

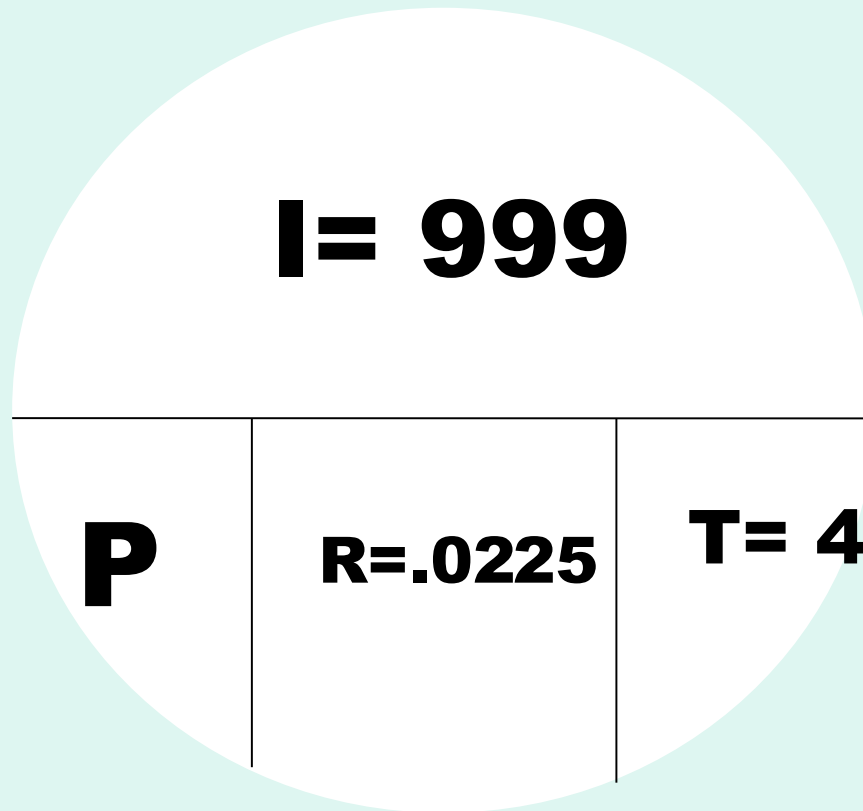
$$\frac{\underline{54}}{100 \cdot 8}$$

$$R = \frac{\underline{54}}{800} = .0675$$

6.75%

**How much do you need to invest over
4 years at 2.25% to earn \$999
interest on your money?**

Find P



999

.0225 • 4

P = 999

.09

\$11,100

**Now do #7 & 8
on
your
Student Worksheet**