Date: _____

Learning Goal

Percent as Decimal

Express each percent value as a decimal.

50%

25%

10%

5%

13%

Percent as Decimal

To express a percent value as a decimal

_____ the percent value by

_____.

Express each percent value as a decimal.

14.5%	5.5%
3.25%	13.75%
0.5%	0.25%

Time in Years

Express each time period in years.

6 months

18 months

26 weeks

12 weeks

100 days

40 days

Time in Years

To express a given number of months in years

_____ the number of months by

_____.

Express each time period in years.

24 months

21 months

36 months

3 months

9 months

60 months

Time in Years

To express a given number of weeks, in years

_____ the number of weeks by

_____.

Express each time period in years.

6 weeks

75 weeks

37 weeks

60 weeks

250 weeks

112 weeks

Time in Years

To express a given number of days, in years

_____ the number of days by

_____.

Express each time period in years.

7 days

31 days

20,000 days

365 days

730 days

10,000 days

Simple Interest

When you invest money, you earn a particular amount of _____ on your money.

Today we look at _____ interest.

Basically, you earn a particular _____ of your _____ investment every _____.

Simple Interest

Example

If you invested $20,000 in an account that earned 5% simple interest, what would your investment be worth after,

1 year?

2 years?

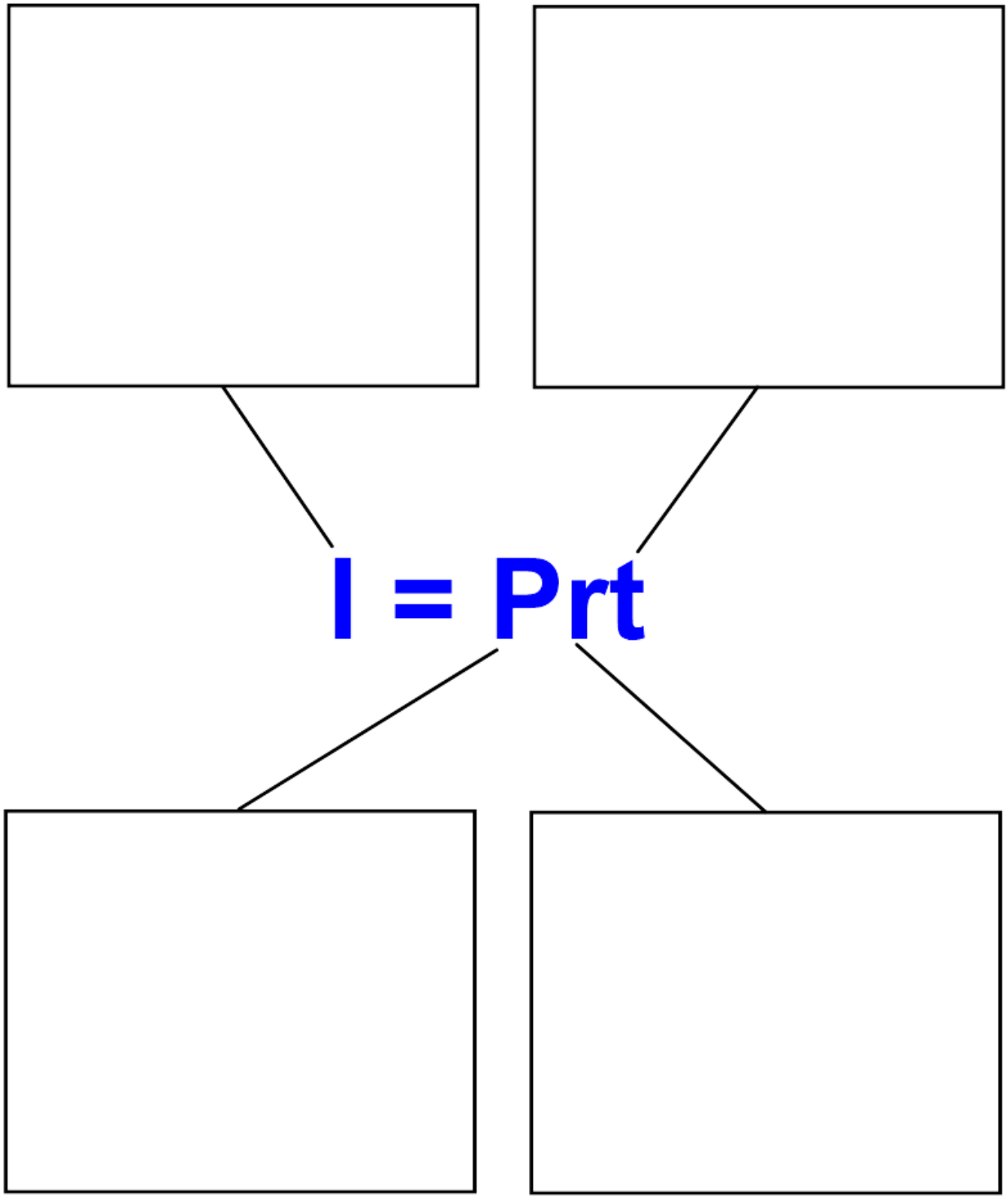
3 years?

15 years?

a

Simple Interest

Simple Interest Formula



Simple Rearrangements

Simple Interest Formula - **I = Prt**

Sometimes we will want to solve a variable in the equation other than I.

Imagine we want to know how long it would take to earn $500 in interest on an investment.. we would want to solve for t!

Rearrange to solve for

P

r

t