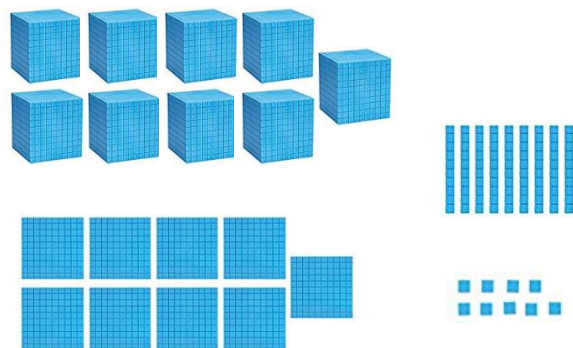
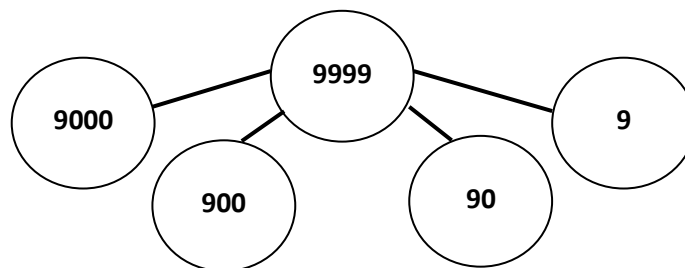


Y4 PLACE VALUE/PARTITIONING



$$9999 = 9000 + 900 + 90 + 9$$



Thousands	Hundreds	Tens	Ones
1000 1000 1000 1000 1000 1000 1000 1000	100 100 100 100 100 100 100 100	10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1

VOCABULARY

- place value
- represents
- digit
- partitioned
- exchange
- ones
- tens
- hundreds
- thousands

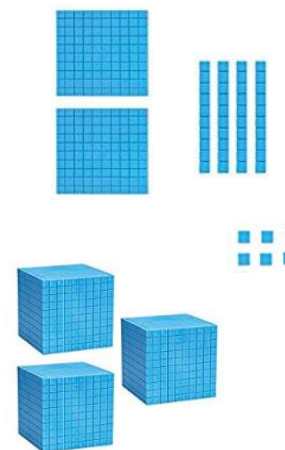
What is the value of the underlined digit?

7264 two hundred 200

8207 zero tens 0

6518 six thousand 6000

439 nine ones 9



There are 3 thousands, 2 hundreds, 4 tens and 6 ones.

The number is 3246.

$$3000 + 200 + 40 + 6 = \underline{3246}$$

8342 can be **partitioned** in different ways...

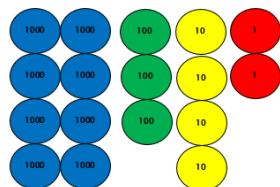
$$8000 + 300 + 40 + 2 =$$

$$7000 + 1300 + 30 + 12$$

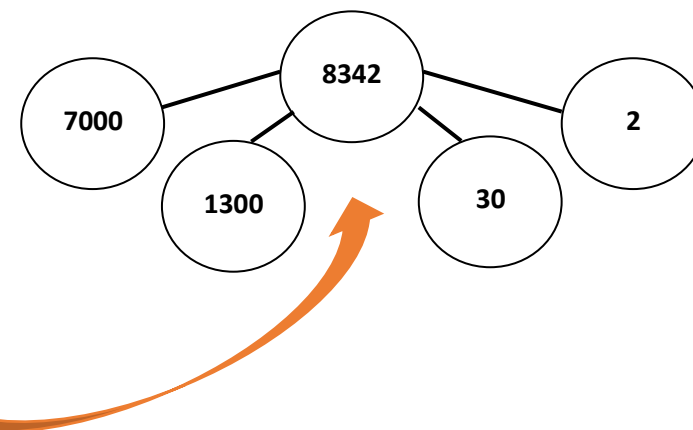
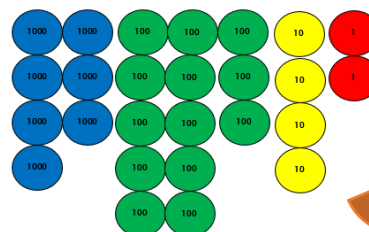
$$6000 + 2300 + 20 + 22$$

$$5000 + 3300 + 20 + 22$$

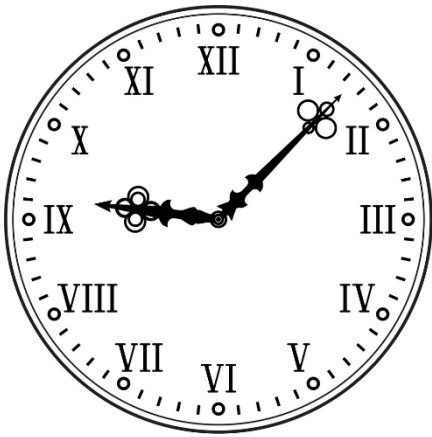
$$4000 + 4200 + 110 + 32$$



Now **exchange** 1 x 1000 for 10 x 100 counters



Y4 – ROMAN NUMERALS



Some clocks use Roman Numerals



VOCABULARY

- numeral
- Roman Numerals
- represented
- multiple
- pattern

Roman Numeral 100 square

I	II	III	IV	V	VI	VII	VIII	IX	X
XI	XII	XIII	XIV	XV	XVI	XVII	XVIII	XIX	XX
XXI	XXII	XXIII	XXIV	XXV	XXVI	XXVII	XXVIII	XXIX	XXX
XXXI	XXXII	XXXIII	XXXIV	XXXV	XXXVI	XXXVII	XXXVIII	XXXIX	XL
XLI	XLII	XLIII	XLIV	XLV	XLVI	XLVII	XLVIII	XLIX	L
LI	LII	LIII	LIV	LV	LVI	LVII	LVIII	LIX	LX
LXI	LXII	LXIII	LXIV	LXV	LXVI	LXVII	LXVIII	LXIX	LXX
LXXI	LXXII	LXXIII	LXXIV	LXXV	LXXVI	LXXVII	LXXVIII	LXXIX	LXXX
LXXXI	LXXXII	LXXXIII	LXXXIV	LXXXV	LXXXVI	LXXXVII	LXXXVIII	LXXXIX	XC
XCI	XCII	XCIII	XCIV	XCV	XCVI	XCVII	XCVIII	XCIX	C

I

1

V

5

X

10

L

50

C

100

D

500

M

1000