Name _____ Date _____

Maya Numbers

Read each Maya numeral. Write the number.

• = 1 one ▬ = 5 five  = 0 zero	Maya people live today in Mexico and Central America. Long ago, Maya scribes wrote numbers with just three signs. Count **5** for each bar and **1** for each dot.

1. Example



7

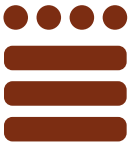
2.



3.



4.



5.



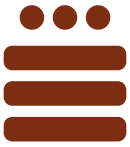
6.



7.



8.



9.



10.



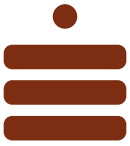
11.



12.



13.



14.



15.



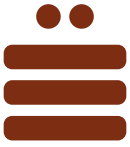
16.



17.



18.



19.



20.



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Name _____ Date _____

Maya Numbers

Draw each number as a Maya numeral. Then fill in the tables.



Use as many bars as you can, then dots.
A place never has more than 3 bars or 4 dots:
5 dots are written as 1 bar.

1. Example **13**



2. **6**

3. **19**

4. **0**

5. **11**

6. **8**

7. **15**

8. **4**

9. **17**

10. **10**

How many bars and dots?

Number	Bars	Dots
9		
	2	4
3		
	3	1

Number	Bars	Dots
12		
	1	0
18		
	1	2

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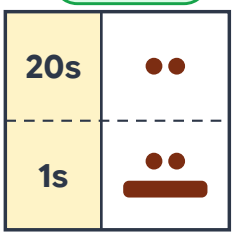
Name _____ Date _____

Maya Numbers

Read each two-place numeral. How much is each place worth?

Maya numbers stack their places from the bottom up. The bottom place counts 1s, and the place above it counts 20s. Each place holds 0 to 19, so 20 is written as one dot in the 20s place and a shell in the 1s place.

1. Example

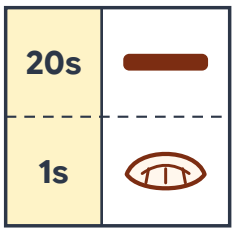


2 × 20 = 40

7 × 1 = 7

number: 47

2.

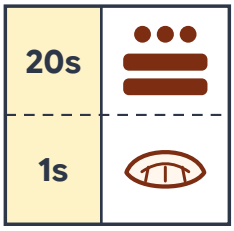


___ × 20 = ___

___ × 1 = ___

number: ___

3.

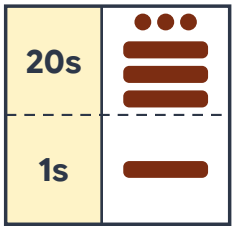


___ × 20 = ___

___ × 1 = ___

number: ___

4.

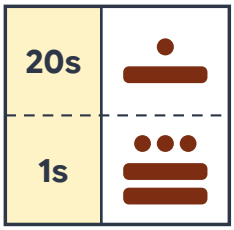


___ × 20 = ___

___ × 1 = ___

number: ___

5.

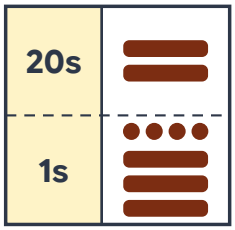


___ × 20 = ___

___ × 1 = ___

number: ___

6.

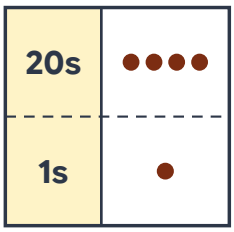


___ × 20 = ___

___ × 1 = ___

number: ___

7.

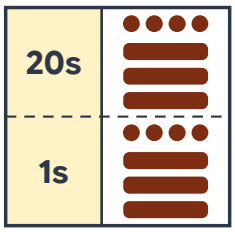


___ × 20 = ___

___ × 1 = ___

number: ___

8.



___ × 20 = ___

___ × 1 = ___

number: ___

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Name _____ Date _____

Maya Numbers

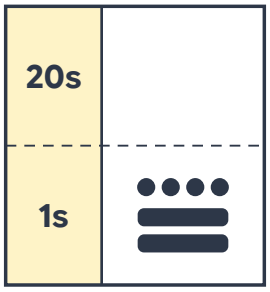
Add the numerals. Draw the sum in the chart.

• = 1 one ▬ = 5 five 𝌆 = 0 zero	To add, put all the dots and bars together. 5 dots make 1 bar. 4 bars make 20: draw 1 dot in the 20s place and a shell in the 1s place.

1. Example



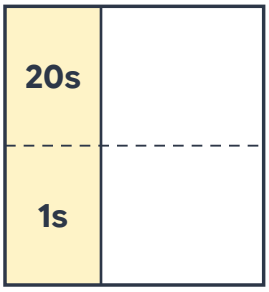
6 + 8 = 14



2.



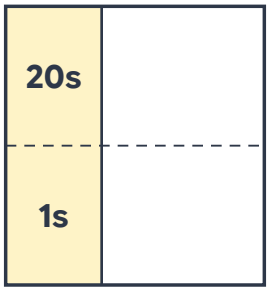
3 + 4 = ____



3.



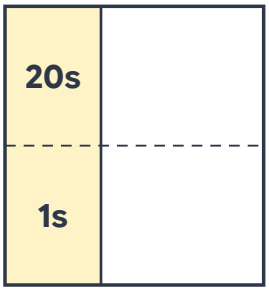
9 + 7 = ____



4.



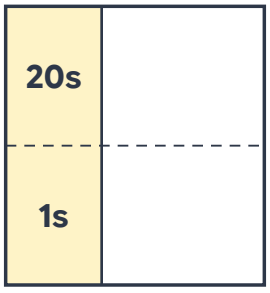
12 + 5 = ____



5.



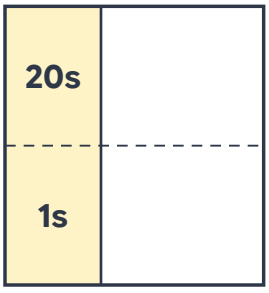
11 + 13 = ____



6.



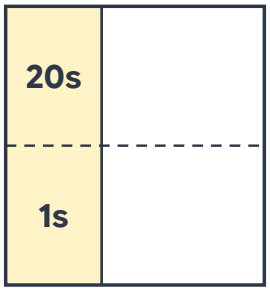
15 + 5 = ____



7.



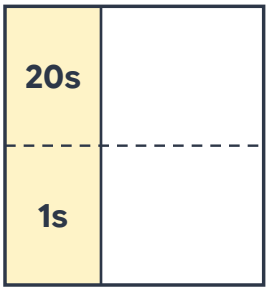
14 + 8 = ____



8.

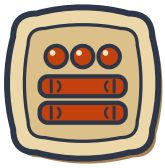


18 + 19 = ____



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Name _____ Date _____



Maya Numbers

Write each number in base 10 and in base 20.

We count in tens: each place is worth **10** times the place below it. Maya numbers count in twenties: each place is worth **20** times the place below it. For counting days, Maya calendar keepers made the third place **360** instead of **400**. On this page every place is true base **20**, so the third place is **400**.

Place	1st	2nd	3rd	4th
Base 10 (ours)	1	10	_____	_____
Base 20 (Maya)	1	20	_____	_____

1.

437

base 10: 4 × 100 + 3 × 10 + 7

base 20: 1 × 400 + 1 × 20 + 17

Example

400s	•
20s	•
1s	•• ═ ═ ═

2.

820

base 10: ____ × 100 + ____ × 10 + ____

base 20: ____ × 400 + ____ × 20 + ____

400s	
20s	
1s	

3.

645

base 10: ____ × 100 + ____ × 10 + ____

base 20: ____ × 400 + ____ × 20 + ____

400s	
20s	
1s	

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Name _____ Date _____

Maya Numbers

Read each Maya numeral. Write the number.

• = 1 one ▬ = 5 five  = 0 zero	Maya people live today in Mexico and Central America. Long ago, Maya scribes wrote numbers with just three signs. Count 5 for each bar and 1 for each dot.

1. Example



7

2.



3.



4.



5.



6.



7.



8.



9.



10.



11.



12.



13.



14.



15.



16.



17.



18.



19.



20.



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Name _____ Date _____

Maya Numbers

Draw each number as a Maya numeral. Then fill in the tables.

• = 1 one ▬ = 5 five 𓁹 = 0 zero	Use as many bars as you can, then dots. A place never has more than 3 bars or 4 dots: 5 dots are written as 1 bar.

1. Example
13


2.
6

3.
19

4.
0

5.
11

6.
8

7.
15

8.
4

9.
17

10.
10

How many bars and dots?

Number	Bars	Dots
9	_____	_____
_____	2	4
3	_____	_____
_____	3	1

Number	Bars	Dots
12	_____	_____
_____	1	0
18	_____	_____
_____	1	2

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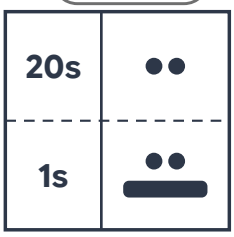
Name _____ Date _____

Maya Numbers

Read each two-place numeral. How much is each place worth?

Maya numbers stack their places from the bottom up. The bottom place counts 1s, and the place above it counts 20s. Each place holds 0 to 19, so 20 is written as one dot in the 20s place and a shell in the 1s place.

1. Example

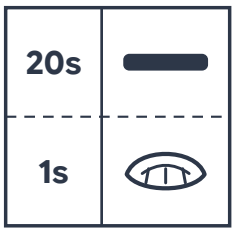


2 × 20 = 40

7 × 1 = 7

number: 47

2.

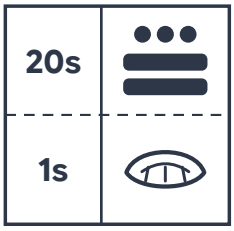


___ × 20 = ___

___ × 1 = ___

number: ___

3.

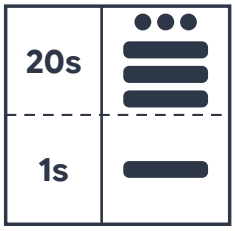


___ × 20 = ___

___ × 1 = ___

number: ___

4.

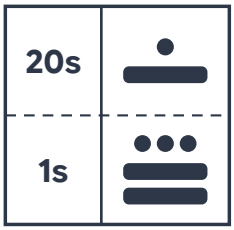


___ × 20 = ___

___ × 1 = ___

number: ___

5.

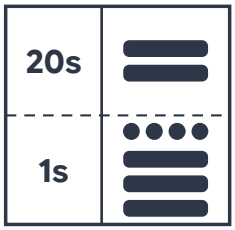


___ × 20 = ___

___ × 1 = ___

number: ___

6.

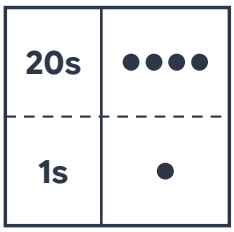


___ × 20 = ___

___ × 1 = ___

number: ___

7.

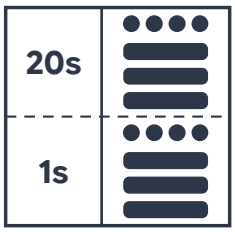


___ × 20 = ___

___ × 1 = ___

number: ___

8.



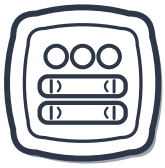
___ × 20 = ___

___ × 1 = ___

number: ___

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Name _____ Date _____



Maya Numbers

Add the numerals. Draw the sum in the chart.

• = 1 one ▬ = 5 five  = 0 zero	To add, put all the dots and bars together. 5 dots make 1 bar. 4 bars make 20: draw 1 dot in the 20s place and a shell in the 1s place.

1. Example



6 + 8 = 14

20s	
1s	

2.



3 + 4 = ____

20s	
1s	

3.



9 + 7 = ____

20s	
1s	

4.



12 + 5 = ____

20s	
1s	

5.



11 + 13 = ____

20s	
1s	

6.



15 + 5 = ____

20s	
1s	

7.



14 + 8 = ____

20s	
1s	

8.



18 + 19 = ____

20s	
1s	

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Name _____ Date _____

Maya Numbers

Write each number in base 10 and in base 20.

We count in tens: each place is worth **10** times the place below it. Maya numbers count in twenties: each place is worth **20** times the place below it. For counting days, Maya calendar keepers made the third place **360** instead of **400**. On this page every place is true base **20**, so the third place is **400**.

Place	1st	2nd	3rd	4th
Base 10 (ours)	1	10	_____	_____
Base 20 (Maya)	1	20	_____	_____

1.

437

base 10: 4 × 100 + 3 × 10 + 7

base 20: 1 × 400 + 1 × 20 + 17

Example

400s	•
20s	•
1s	•• ═ ═ ═

2.

820

base 10: ___ × 100 + ___ × 10 + ___

base 20: ___ × 400 + ___ × 20 + ___

400s	
20s	
1s	

3.

645

base 10: ___ × 100 + ___ × 10 + ___

base 20: ___ × 400 + ___ × 20 + ___

400s	
20s	
1s	

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ANSWER KEY

Maya Numbers

Read each Maya numeral. Write the number.

• = 1 one ▬ = 5 five  = 0 zero	Maya people live today in Mexico and Central America. Long ago, Maya scribes wrote numbers with just three signs. Count **5** for each bar and **1** for each dot.

1. Example  **7**

2.  **12**

3.  **0**

4.  **19**

5.  **3**

6.  **15**

7.  **9**

8.  **18**

9.  **5**

10.  **11**

11.  **14**

12.  **1**

13.  **16**

14.  **8**

15.  **13**

16.  **2**

17.  **10**

18.  **17**

19.  **4**

20.  **6**

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Maya Numbers

Draw each number as a Maya numeral. Then fill in the tables.

• = 1 one ▬ = 5 five 𓁹 = 0 zero	Use as many bars as you can, then dots. A place never has more than 3 bars or 4 dots: 5 dots are written as 1 bar.

1. Example
13



2.
6



3.
19



4.
0



5.
11



6.
8



7.
15



8.
4



9.
17



10.
10



How many bars and dots?

Number	Bars	Dots
9	1	4
14	2	4
3	0	3
16	3	1

Number	Bars	Dots
12	2	2
5	1	0
18	3	3
7	1	2

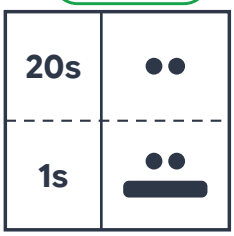
© 2026 Eggroll Games

Maya Numbers

Read each two-place numeral. How much is each place worth?

Maya numbers stack their places from the bottom up. The bottom place counts 1s, and the place above it counts 20s. Each place holds **0** to **19**, so **20** is written as one dot in the 20s place and a shell in the 1s place.

1. Example

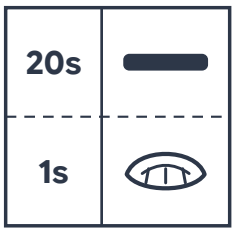


2 × 20 = 40

7 × 1 = 7

number: 47

2.

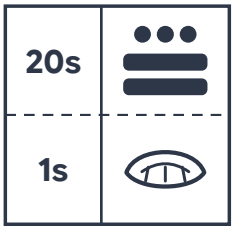


5 × 20 = 100

0 × 1 = 0

number: 100

3.

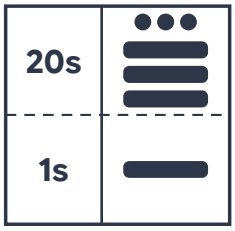


13 × 20 = 260

0 × 1 = 0

number: 260

4.

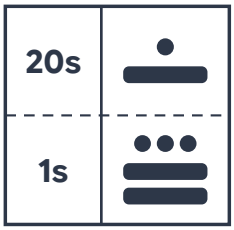


18 × 20 = 360

5 × 1 = 5

number: 365

5.

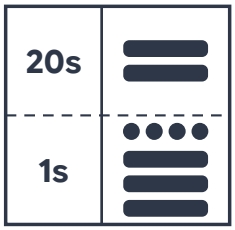


6 × 20 = 120

13 × 1 = 13

number: 133

6.

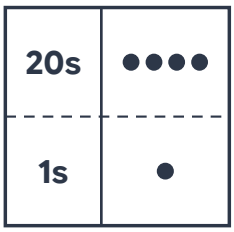


10 × 20 = 200

19 × 1 = 19

number: 219

7.

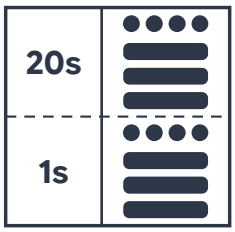


4 × 20 = 80

1 × 1 = 1

number: 81

8.



19 × 20 = 380

19 × 1 = 19

number: 399

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Maya Numbers

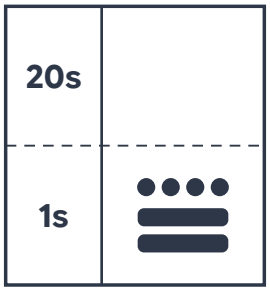
Add the numerals. Draw the sum in the chart.

• = 1 one ▬ = 5 five 𓋹 = 0 zero	To add, put all the dots and bars together. 5 dots make 1 bar. 4 bars make 20: draw 1 dot in the 20s place and a shell in the 1s place.

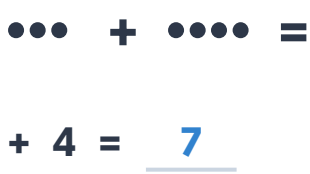
1. Example



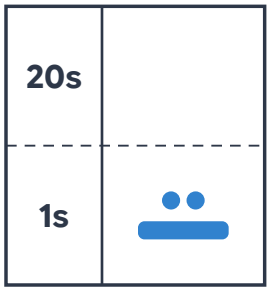
6 + 8 = 14



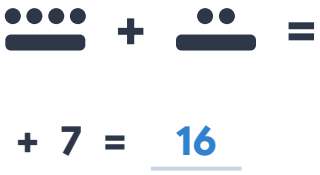
2.



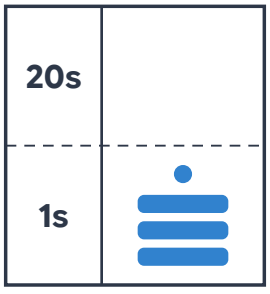
3 + 4 = 7



3.



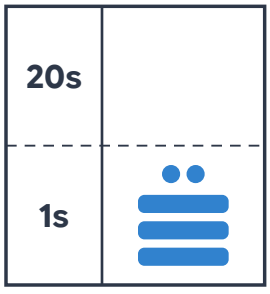
9 + 7 = 16



4.



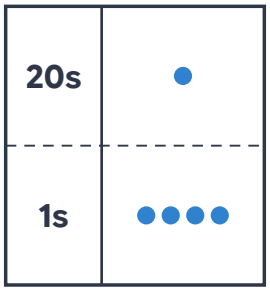
12 + 5 = 17



5.



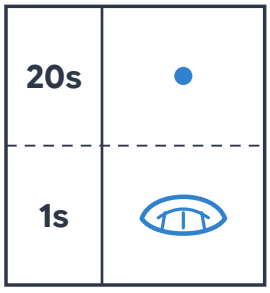
11 + 13 = 24



6.



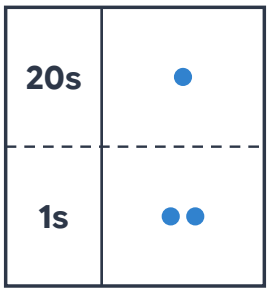
15 + 5 = 20



7.



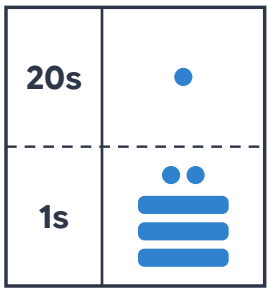
14 + 8 = 22



8.



18 + 19 = 37



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Maya Numbers

Write each number in base 10 and in base 20.

We count in tens: each place is worth **10** times the place below it. Maya numbers count in twenties: each place is worth **20** times the place below it. For counting days, Maya calendar keepers made the third place **360** instead of **400**. On this page every place is true base **20**, so the third place is **400**.

Place	1st	2nd	3rd	4th
Base 10 (ours)	1	10	100	1,000
Base 20 (Maya)	1	20	400	8,000

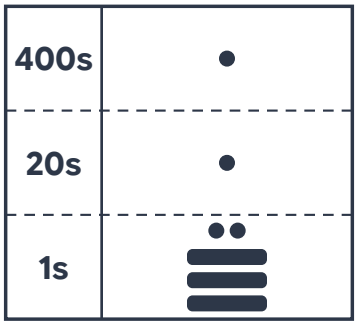
1.

437

base 10: 4 × 100 + 3 × 10 + 7

base 20: 1 × 400 + 1 × 20 + 17

Example

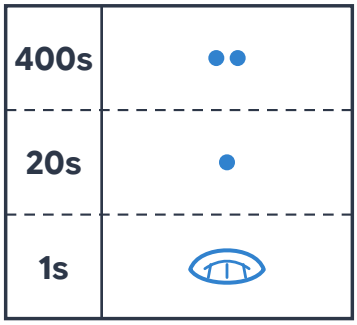


2.

820

base 10: 8 × 100 + 2 × 10 + 0

base 20: 2 × 400 + 1 × 20 + 0

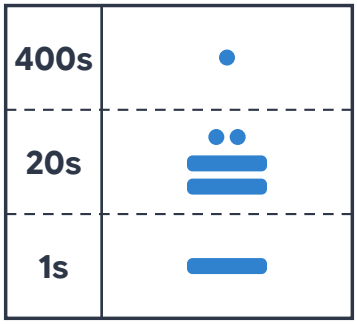


3.

645

base 10: 6 × 100 + 4 × 10 + 5

base 20: 1 × 400 + 12 × 20 + 5



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