Name	:	Date	Class
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2A

SECTION Ready to Go On? Quiz

2-1 Variables and Expressions

Evaluate each expression to find the missing values in the tables.

1.	V	v — 16
	27	11
	37	
	47	

2.	X	5 <i>x</i>
	25	125
	50	
	75	

3.	у	4 <i>y</i> + 2
	4	18
	5	
	6	

4.	n	<u>n</u>
	27	9
	30	
	36	

- 5. Harris and Lisa can wash 5 cars in 1 hour. How many cars can they wash in 2, 3, 4, and 5 hours?
- 6. Richard wants to buy some thank-you cards. Each package contains 12 cards. How many cards will Richard have if he buys 3, 4, 5, or 6 packages?

2-2 Translating Between Words and Math

- 7. The planet Saturn takes about thirty times longer than Earth to orbit the Sun. Let e represent the number of years it takes Earth to orbit the Sun. Write an expression to show how much longer it takes Saturn to orbit the Sun.
- **8.** Let *b* represent the number of push-ups Brian did in gym class. Jeanette did 4 more push-ups than Brian. Write an expression to show how many push-ups Jeanette did.

Name	Date	Class
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2A

SECTION Ready to Go On? Quiz continued

2-2 Translating Between Words and Math (continued)

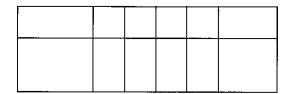
- Write each phrase as a numerical or algebraic expression.
- 9. 386 minus 74
- **10.** the sum of 30 and z
- **11.** the product of 4 and x

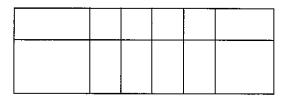
Write two phrases for each expression.

13.
$$\frac{b}{9}$$

2-3 Translating Between Tables and Expressions

Make a table for each sequence. Then write an expression for each sequence.





Write an expression for the missing value in each table.

Name	Date	Class	
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Puzzles, Twisters & Teasers

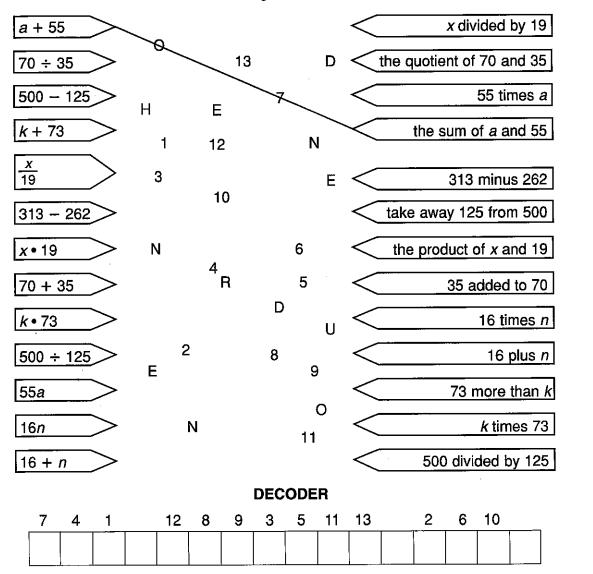
2-2 Double Time

How many hours did the world's longest doubles table tennis match last?



To find the answer:

- 1. Use a ruler to match each expression with a phrase for that expression. (Each line you draw will cross a number and a letter.)
- 2. Write the letter under the matching number in the decoder.



	e				Date	e	Class
LESS	on Puz	zles, T	wister	s & Te	asers)	
		ther For					
Wha	at kind of	animal cai	n forecast	the wea	ther?		
Use	the table	below to a	answer Ex	ercises	1– 8. Circ	ele the co	rrect
ans	wer. Then	put the le	tter above	the cor	rect answ	er on the	e lines.
Pos	sition	1	2	3	4	5	n
Val	ue of Tern	n 4	7	10	13	16	?
1 \	Mhat is the	value of t	he 6th tern	n?			
•• •		A B		11 (
	16	17 18	19				
2. \	What is the	value of t	he 7th tern	n?			
		J E					
	18 2	20 22	2 24				
3. \	What is the	value of t	he 8th tern	n?			
	L	l F	-				
	20 2	25 30	35				
4 . \	Vhat is the	value of t	ne 9th tern	n?			
		C N	- -				
	21 2	22 28	38				
5. \		value of t		m?			
		S W	_				
	31 4	4 1 51	61				
6. \		value of the		m?			
		Q E					
	24	30 34	43				
	What is the	value of the	ne 12th ter	m?			
7. \		G M	E				

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Т

42

2.

44

3.

R

40

1.

5.

6.

7.

Υ

46

4.

8.