	school S	Lesson 24. Classwork
		WARM-UP
1.	Compare using >, <, or =.	
	$100 \times 2 \square 100 + 100 + 100$	$a \times 2 \square a \div 2$ $12 \div c \square 18 \div c$
	$56 \times 3 \square 56 \times 8$	$m \times n \square n \times m \qquad \qquad d \div 4 \bigsqcup d \div 5$
	$25 \times 4 \square 4 \times 25$	$b + b \times 7 \square b \times 8$ $y \div 1 \square y \times 1$
	$17 \times 8 \square 7 \times 17$	$x \times 7 - x \square x \times 6$ $z + 1 \square z \times 1$
2.	Total each set of money amounts: \$7.10 \$6.99 + \$8.14 + \$8.85	\$5.71 \$5.57 \$7.91 + \$5.82 + \$4.65 + \$3.76
3.	Open up the parentheses:	
	(s+3) + (4+a) =	(f+4) - (g+64) =
	(n + b - d) + 14 =	(20 - t) - (w + v) =
	(d+8)+(7-a)=	(20 - z) - (7 - a) =





REVIEW

Two frogs – Ben and Dina decided to visit each other.

Ben started from point A (3, 5), then he jumped 5 squares to the right, to the point B. Then he jumped 2 squares up and end up at the point C. What are the coordinates of points B and C?

Dina started at the point K (8, 2), then she jumped 4 squares left to the point L, then she jumped 5 squares up to the point M. What are the coordinates of points L and M?

How many squares are between points C and M? What jumps Ben and Dina should make to meet each other? Mark the point of meeting as a point O and



9.





write its coordinates.

10.

Write expressions for each word problem:

- *a) n* apples were divided among *x* kids. How many apples did each kid receive?
- *b) x* cookies were distributed evenly into *m* boxes. How many cookies are in each box?

c) There are x cookies in each of 6 boxes. How many cookies are there in total?

Did you know ...

Kant's Clock

A famous old puzzle.

It is said that Immanuel Kant was a bachelor of such regular habits hat the people in his town would adjust their clocks when they saw him strolling past certain landmarks.

One evening Kant was dismayed to discover that his clock had run down. Evidently, his servant had forgotten to wind it. The great philosopher did not reset his hands because his watch was being repaired and he had no way of knowing the correct time. He walked to the home of his friend Schmidt, a merchant who lived a mile or so away, glancing at the clock in Schmidt's hallway as he entered the house.

After visiting Schmidt for several hours Kant left and walked home along the route by which he came. As always he walked with a slow steady gait that had not varied in twenty years. He had no notion how long this trip took. Nevertheless, when Kant entered his house, he immediately set his clock correctly.

How did Kant know the correct time?



