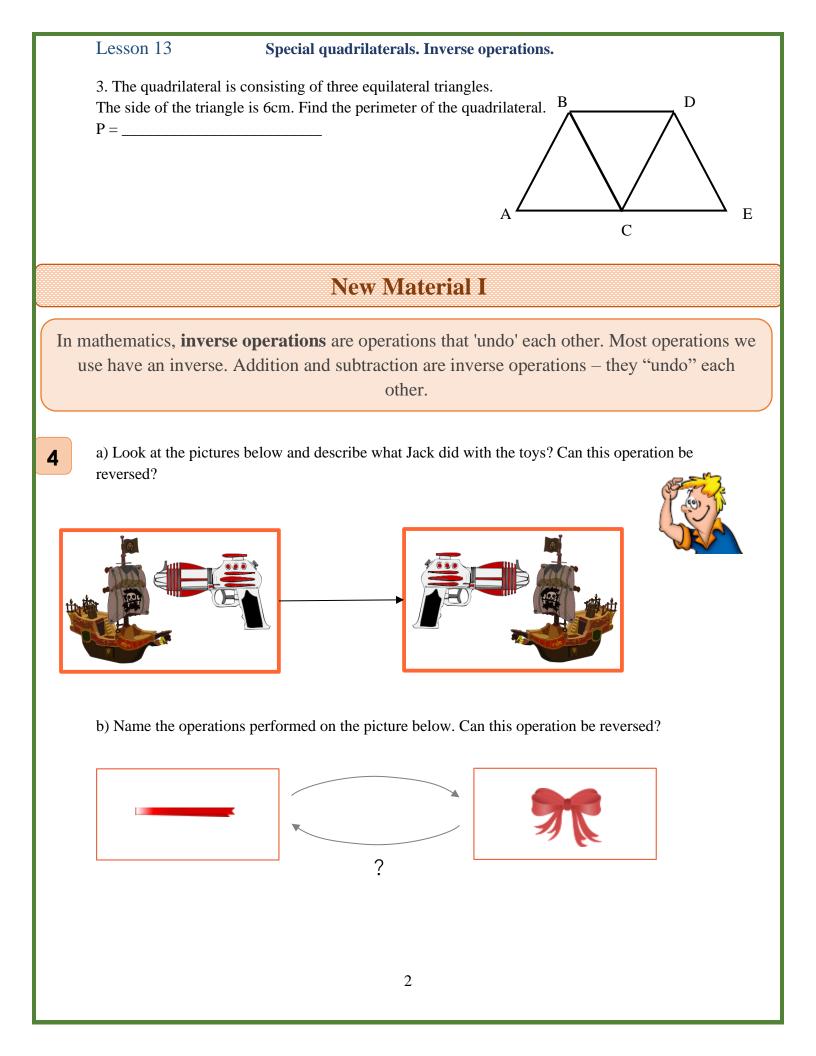


Special quadrilaterals. Inverse operations.

Math 2 Classwork 13

WARM UP

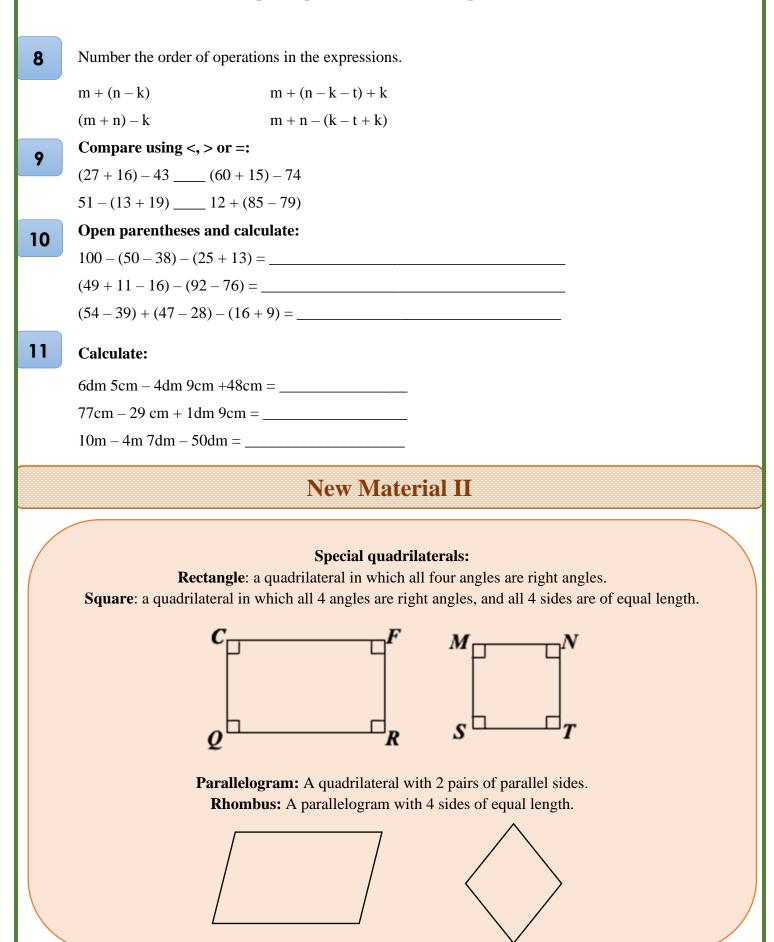
Calculate using property of addition: try to ma	ake it easier to calculate!
7 + 16 + 3 =	
11 + 8 + 9 =	
7 + 6 + 7=	
48 + 37 + 12 + 13 =	
50 + 29 + 21 =	
Write down the numbers using digits:	
two hundred ninety six	_ eighty six
three hundred two	forty six
six hundred twenty seven	five hundred forty eight
one hundred eighty	nine hundred sixty
a) Lisa's bag fits into Ann's bag. Ann's bag fits	s into Clara's bag. Whose bag is the biggest?
a) Lisa's bag fits into Ann's bag. Ann's bag fits	
a) Lisa's bag fits into Ann's bag. Ann's bag fits b) Ben's tea is colder than Paul's tea but warm	s into Clara's bag. Whose bag is the biggest?
a) Lisa's bag fits into Ann's bag. Ann's bag fits b) Ben's tea is colder than Paul's tea but warm Homev	s into Clara's bag. Whose bag is the biggest? er than Christina's tea. Whose tea is the coldest? work Review
 a) Lisa's bag fits into Ann's bag. Ann's bag fits b) Ben's tea is colder than Paul's tea but warm Homew 1. Insert operation signs +, – to get correct equation 	s into Clara's bag. Whose bag is the biggest? er than Christina's tea. Whose tea is the coldest? work Review
 a) Lisa's bag fits into Ann's bag. Ann's bag fits b) Ben's tea is colder than Paul's tea but warm Homew 1. Insert operation signs +, - to get correct equals a) 8 _ 6 _ 1 _ 7 _ 9 _ 3 = 20 	s into Clara's bag. Whose bag is the biggest? er than Christina's tea. Whose tea is the coldest? work Review
 a) Lisa's bag fits into Ann's bag. Ann's bag fits b) Ben's tea is colder than Paul's tea but warm Homew 1. Insert operation signs +, – to get correct equation 	s into Clara's bag. Whose bag is the biggest? er than Christina's tea. Whose tea is the coldest? work Review

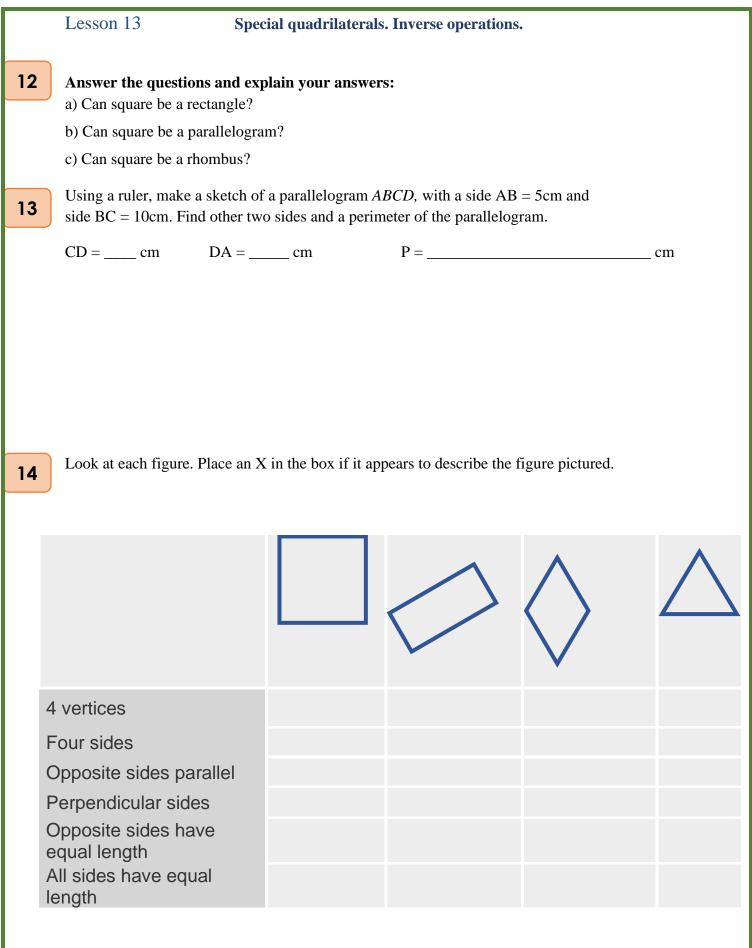


Special quadrilaterals. Inverse operations.
a chef has cut some vegetables. Can these operations be reversed?
perations for each action:
a cup
et
a producta producta producta producta producta product a product up with? and I'll tell you the number you thought of.
REVIEW
How do we work with parentheses?
Removing parentheses.
a + (b + c) = a + b + c
a + (b - c) = a + b - c

Lesson 13

Special quadrilaterals. Inverse operations.



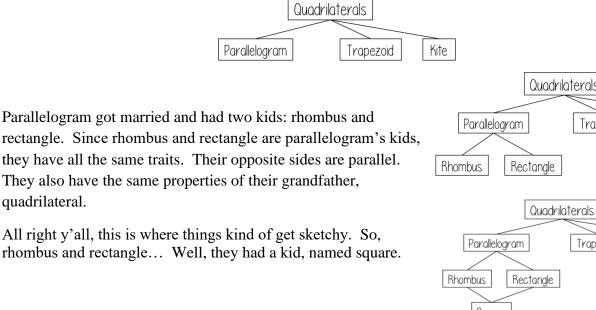


Lesson 13

Did you know ...

Quadrilaterals were invented by the Ancient Greeks. It is said that Pythagoras was the first to draw one. In those days quadrilaterals had three sides and their properties were only dimly understood. It was the genius of the Romans to add a fourth side and they were the first to make a list of the different kinds of quadrilaterals, but it wasn't until 1813 that an English mathematician, J.P. Smith, discovered the trapezium. Quadrilaterals remain a rich source of investigations for researchers, the best-known unsolved problem being to find a general formula for the number of interior angles.

In the quadrilateral family, there were three kids: parallelogram, trapezoid, and kite. All the kids in this family have the same traits as the parents. Notice, that parallelograms, trapezoids, and kites all have four sides. Their interior angles all sum to 360°.



Trapezoid only had one child. He named his son, isosceles trapezoid, after him. Isosceles trapezoid has a few extra properties.

Kite didn't have any children.

