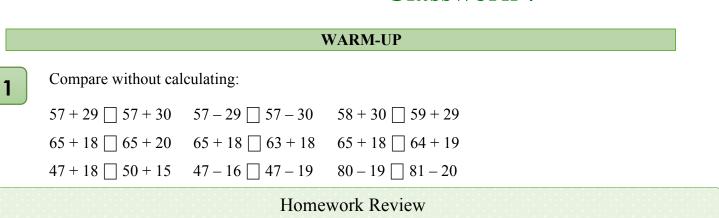
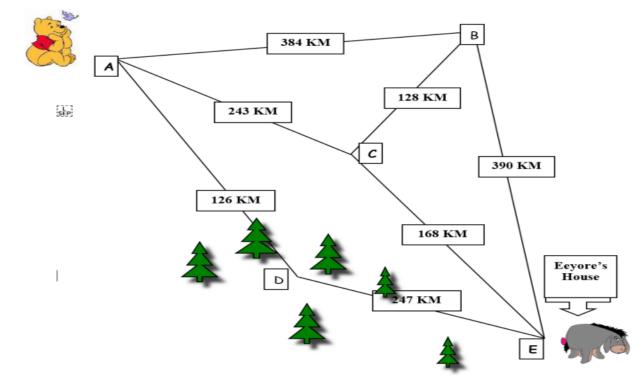
Commutative property of addition. Subtraction.

school

Math 2 Classwork 7



Review problem # 7 from HW #6 - distances, travelled from Pooh's house to Eeyore's house.



a) What is the distance from the point D to the point E?

b) If Eeyore goes to Pooh's house through the forest, what is the total distance he travels?

c) What is the distance from the point D to the point E?

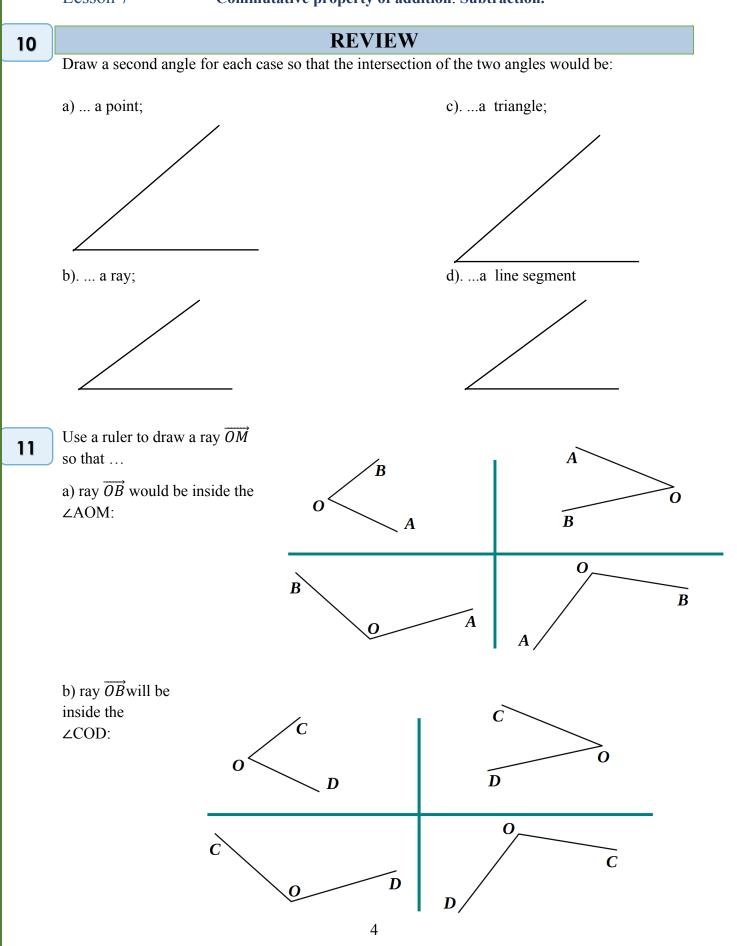
- d) What is the total distance from point A to the point E via B?
- e) What is the total distance from the point A to the point C via B?

	Lesson 7 Com	mutative property of	addition. Subtraction.								
	f) If Pooh goes to Eeyore's h	ouse, which is the shor	test route?								
		New Mate	erial I								
2	(Commutative Prope	erty of Addition								
	Look at the equality: $37 + 15$	5 + 5 = 57.									
	You can find the result (57) b	y two different ways:									
	1) First do addition $37 + 15$, then add $5 =$										
	,	2) First do addition $15 + 5$, then $37 + \text{result} =$									
	Are the results the same?	Which is the	e correct way?								
Bef	For Ad	-	erations does not matter. If there is some different order you can add to make								
3	Figure out what is the easy of	der of operations and	calculate:								
	a) 88 + 28 + 12 =	b) 45 + 73 + 2	c) $50 + 32 + 50 + 9 = $								
	d) 33 + 38 + 66 =		$f_{1} = $ $f_{1} = 55 + 18 + 22 + 4 =$								
4	When the "look for order" tri a) Find: $1 + 2 + 3 + 4 + 5 + 6$	2									
		REVIE	W								
5	Convert:										
	$6 \text{ m} = _\ \text{dm}$	$9 \text{ m} = __ \text{dm}$	$5 \text{ m } 9 \text{ dm} = ___ \text{ dm}$								
	$70 \text{ dm} = \m$	$200 \text{ cm} = \ \text{m}$	$48 \text{ dm} = ___ \text{m} ___ \text{dm}$								
	$300 \text{ cm} = _\ \text{dm}$	$400 \text{ cm} = _\ \text{m}$	$83 \text{ dm} = ___ \text{m} ___ \text{dm}$								
6	Compare, using <, > or =:										
	5m 4m 9dm	6m 6m10dm									
	9m 81dm		84dm 8m4dm								
	210cm 21dm	2	350cm 30dm5cm								

				I	New I										
					Sul	otrac	ction								
	otraction wor		blem	is often fea	ature sto	ries a	about l	osing, g	iving	g awa	ay, sj	pend	ing o	or ea	ting.
	ve the proble		Ца	mara 7 ta k	nia frianc	1 110	w mon	wandi	on de	has h	a ha	10 n 0			
a) E	an nau + cai	luics.	IIC ¿	gave 2 to 1		1. 110	w man		cs ut			ve ne	,		
	$\frac{1}{2}$ tan had 4 do			_				nd. Hov	v ma	ny c	andie	es do	es h	e hav	ve
	tan had 4 hu							friend.	Hov	v ma	ny ca	andie	es do	oes h	e hav
<i>,</i>	/?			-							2				
				Subt	raction	witł	ı "reg	roupin	σ"						
	To "re	egrou	o" m	eans to co			-	-	-	red t	to 10	tens.	etc.		
				regroupir									,		
Calc	culate:														
3	2 8		4	5 6		6	4 9			1	0	1 9			
	0		1	0			9		-			9			
	Chris is 172 c				27 cm sh	orter	than h	im. Hov	v tal	is C	Chris	's sis	ter?		
·	. 1	culati	on v	ertically)											
<i>,</i>	esent your cal														
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(Pre	esent your cal		ook	which has	230 pag	ges. F	for the	last thre	ee da	ys, ł	ne rea	ad 20	95 pa	ages.	How
(Pre		ng a b								ys, ł	ne rea	ad 20	95 pa	iges.	How
(Pre	Brian is reading	ng a b								ys, ł	ne rea	ad 20	95 pa	ages.	How
(Pre	Brian is reading	ng a b								ys, ł	ne rea	ad 20	95 pa	iges.	How



Commutative property of addition. Subtraction.

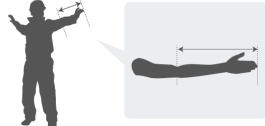


Lesson 7

Did you know ...

How did people measure length?

The way base units of length have been determined has changed dramatically over time. Long ago, the base for reference was the human body. For example, the cubit was a unit that indicated the length from the elbow to the fingertips. This unit was used in ancient cultures in Mesopotamia, Egypt, and Rome. The length varied from region to region, ranging from 450 to 500 mm. Studies have proven that Egypt's pyramids, known for their accurate construction, were built using two types of cubits: a long one and a short one. It is said that the standard measure of length in these eras was the body of the country's ruler or some other powerful individual. Even today, units of length based on the human body are used in countries such as the United States, such as the yard, foot, and inch.



Length units based on the human body were used for thousands of years. This continued until a significant change took place around 200 years ago. As the Age of Discovery came to an end and industry grew primarily in Western Europe, it became necessary to unify length units on a global scale.

The metric system was first developed in France during the French Revolution. A French law passed in 1795 defined five units of measure. Three of them are still in use today. They are the meter, the unit of length, the gram that is the unit of mass, and the liter, the unit of volume. In 1960 the rules for the metric system were revised. The revised system was called the "International System of Units" (which is often written "SI" for short). The definition of SI also included rules for writing SI quantities. These rules are the same for all languages.

In the metric system, the length is measured in meters. The symbol for the meter is the letter "m." The meter was originally defined as 1/10,000,000 of the distance between the North Pole and the Equator on the meridian that passed through Paris. In 1799, a platinum bar equal to this length was made and became the "prototype meter."

In the metric system, all units have a "symbol." Symbols are a shorthand way of writing the names of units.

The imperial system works with units that are still used in the United Kingdom, Canada, and other countries formerly part of the British Empire.

Only three countries officially use the Imperial system – The United States, Myanmar (Burma), and Liberia, making up 5% of the world's population using that system.