

	HW 23	Geometry Review
4	Use a ruler.	
	a) Plot straight line \overrightarrow{NQ}	• <i>T</i>
	b) Plot ray \overrightarrow{RT}	₹ N
	c) Label the intersection M.	• R
	d) Plot segment \overline{MF} .	• F

5

6

<u>Use a ruler and a compass</u>. Draw a line segment \overline{AB} , place a point C on the segment between points A and B. Write down the name of each line segment you get. Place another point D and E on the same distance from point C (use a compass to put points D and E in the same distance from point C - any distance of your choice). Point D should be between points A and C, point E should be between points C and B. between Name all line segments you get.



a) Draw a line segment \overline{AB} . Draw another line segment \overline{CD} in a way that the intersection between \overline{AB} and \overline{CD} is a point K.

b) Draw a line segment \overline{AB} again below. Draw another line segment \overline{EF} in a way that the intersection between \overline{AB} and \overline{EF} is a line segment \overline{EB} .



	HW 2	3						(Geo	meti	y Re	eviev	N												
10	Practic	e to dı – with	raw c 1 a ra	conce	entri 7 cr	c circ n, 5 c	eles. I	Place	e a j cm	poin with	t A i 1 the	n the	e mic ter at	ddle o	of th at A.	e pa Na	nge. me o	Usi	ng a	a co rcle.	mp.	ass,	dra	w 3	
11	<i>The</i> ∠ . a suppl Comple The squares	ACB i ement ement uare w	s 43 ⁰ ary a ary a vith a ut al	⁾ . Ho angle ngle side ong	by b e^{2} $e^{2} = -$ e^{2}	ig (in ual to traigh	degr 1m c nt lin	ees)	wil	ll be n on y on	a co the s	supp supp smal	emer oleme ler s	ntary entar quare equal	ang y an es w	le? gle ith a 1cr	How = a sid n. w	v bij	g (in f 1 c the	n de cm. len	gre The gth	es) en a is g	will ll sn goin _i	be nall	L
13	be? Write c a) the s b) B is c) C is	lown t um of greate equal	the end of	xpre and 2 an th e su	ssior 2 is g e dif m of	ns ins reate feren 11, 3	tead r that ce be 32 and	of w n A _ etwee d 40	ord en 2	l sen 20 ar	tence	es:													
14	d) the difference between 100 and D is less than E Calculate in columns: $1230 + 805 + 39 = 1230 - 805 = 1230 \times 39 =$																								
											4														

16

17

a) Imagine that you have 5 cards, and each card has a different number on it. If the cards only have odd numbers, what computations must you do to get an even result?

b) If the cards only have even numbers, is it possible to get an odd result? What computations must you do to get an odd result? Hint: Consider all 4 types of calculations you know (addition, subtraction, multiplication and division).

The shapes below are made with toothpicks and gumdrops. For example, stage 2 has 5 toothpicks and 4 gumdrops.

a) Look at the pattern and then draw stage 5. For later stages, make a drawing if it helps you answer the questions.



b) How many toothpicks are there at stage 5? c) How many gume

c) How many gumdrops are there at stage 5?

d) Complete the table to show the number of toothpicks and gumdrops for stages 1 through 8.

stage	1	2	3	4	5	6	7	8
number of toothpicks		5						
number of gumdrops		4						

A dozen eggs will make four omelets. How many eggs are needed to make?

a. 8 omelets? _____

b. 1 omelet? _____

c. 9 omelets? _____

How many omelets can be made from?

d) 2 dozen eggs?

e) 9 eggs? _____

f) 21 eggs? _____

18 Find the sum by the most optimal way:

a) 3 + 6 + 9 + 12 + 15 + 18 + 21 = _____

b) $2 + 4 + 6 + \ldots + 48 =$

