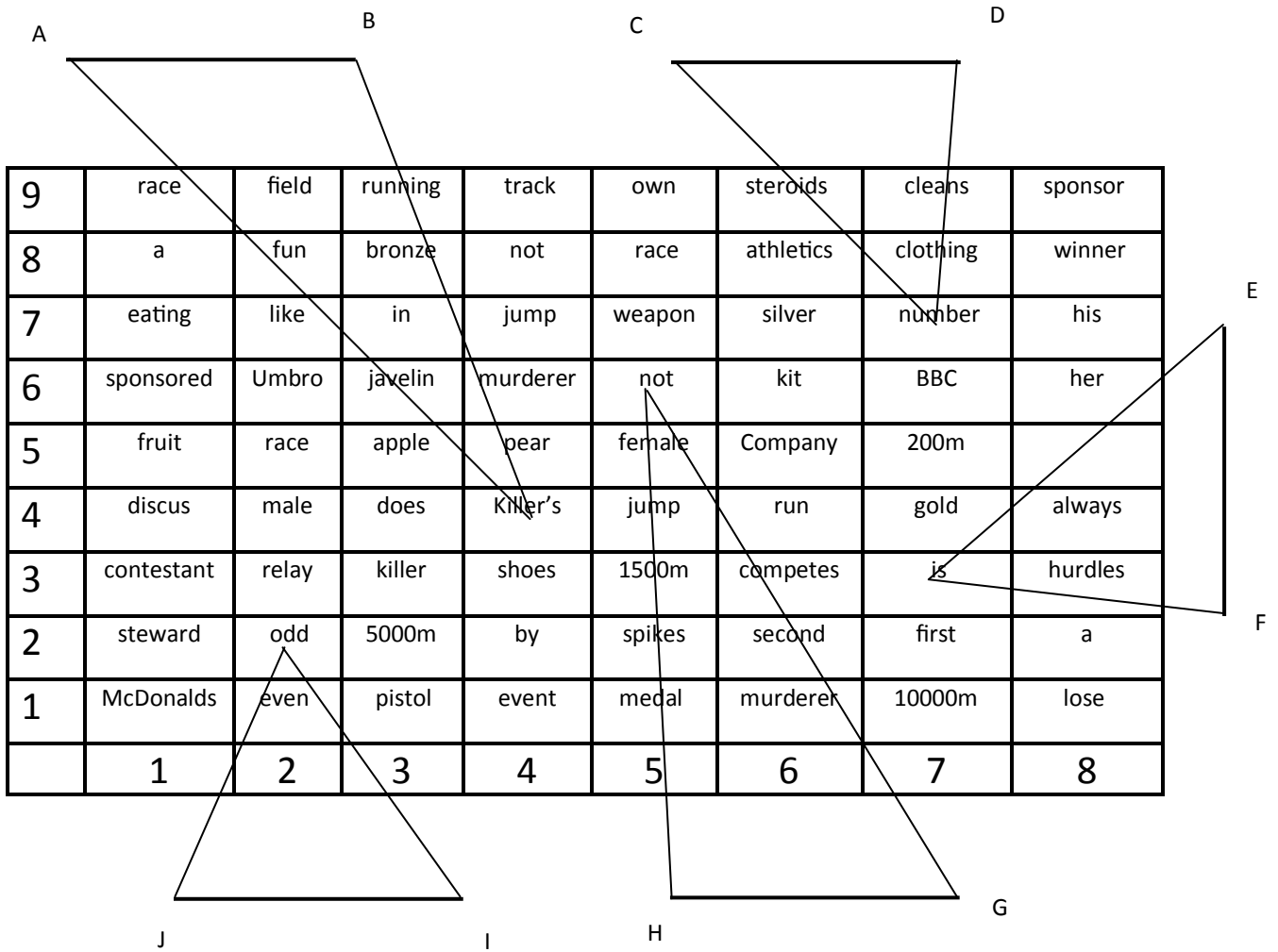


Clue 1 Triangulate



Angle	Degrees	Word
BAX	45	Killer's
ABX	110	
CDY	85	number
DCY	46	
EFZ	83	is
FEZ	49	
HGM	58	not
GHM	93	
IJN	67	odd
JIN	55	

Use the information on the left to complete 5 triangles each with a vertex in the words. You will need to turn the paper round. The 5 words give the first clue.

Clue 2—Mean girls

Find the mean of each girl's time for 200m

Name	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
Lola	62	55	42	75	74	58
Margaret	43	56	77	73	66	
Rebekah	28	37	41	29	49	38
Julie	94	84	76	74		
Mia	42	44	49	34	31	34
Zoe	21	37	34	42	51	61

61 murderer
63 competes
37 in
82 a
39 running
41 event

Clue 3—Investigating mode

Find the mode of the number of laps run by each of these athletes.

Name	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8
Nicole	33	28	32	31	33	30	32	33
Jane	15	17	16	17	16	15	18	16
Charlotte	42	41	45	44	42	48	43	46
Daisy	18	19	21	21	18	19	18	17
Rose	78	46	78	54	62	65	19	28
Sophie	72	56	65	81	65	54	43	41

33 killer
16 sponsored
42 by
18 a
78 clothing
65 company

Clue 4—In the median term

Find the median of the number of press ups done by each athlete.

Name	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	
Katie	42	48	44	46	41	47	48	46 murderer
Lucy	34	38	31	65	54	17	28	34 does
Lily	27	42	64	81	105	48	35	48 not
Millie	2	8	14	35	27	42	33	27 like
Jim	17	3	45	18	98	3	15	17 eating
Jack	9	15	7	46	27	15	8	15 fruit

Clue 5—Home on the range.

Find the range of the number of skips done by each athlete.

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	
Justin	235	215	189	224	203	214	211	46 murderer
Abdul	121	153	131	187	205	181	177	84 always
Jemima	23	48	15	94	64	28	77	79 cleans
Sarah	426	485	401	398	455	466	421	87 his
Isobel	215	205	234	256	247	264	214	59 own
Karl	320	341	352	314	301	354	367	66 kit