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Adobe Reader or Adobe Acrobat

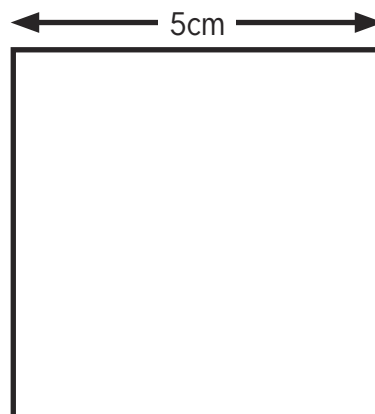
- Adobe Reader is a free PDF viewer, from Adobe. To install a copy of Adobe Reader, go to <https://get.adobe.com/uk/reader/>.
- Once Adobe Reader is installed, open your PDF.
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- Under 'Page Sizing & Handling', select 'Size'.
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- Print this page as a test, making sure that the shape below is the correct size once printed.
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Foxit Reader

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- Set the 'Scaling' to 'None'.
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Football Maths Mystery Game

The Mystery of the Sabotaged Football Kit

You join us on a most exciting day when two giants of the football world meet to find out who will be the UEFA Champion League winners of the year!

The Redbill Rovers and Underhill United are set to clash on the pitch, and all bets are off regarding who will win. It's an open game and both teams have everything to play for.

But disaster has occurred! Someone has sneaked into the changing rooms and sabotaged both the teams' football kits! They are in ruins! One of the player's mums has the spare kit, but she's on holiday!

It looks like the match will have to be postponed! They think it's all over ... It is now!

As Chief Inspector, it is your job to take down details of all the suspects and solve the clues, to discover who the saboteur of the football kits is!

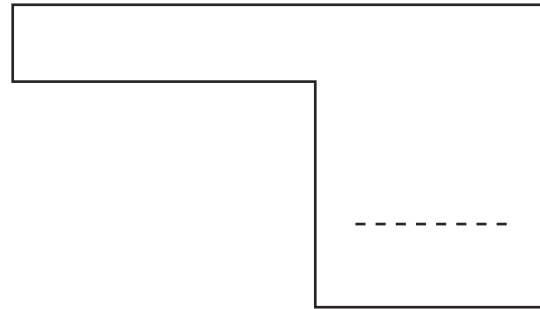
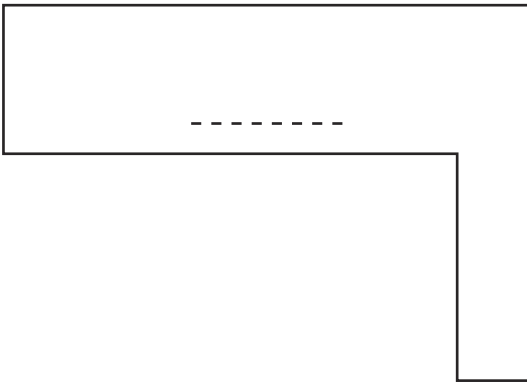
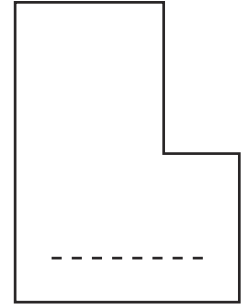
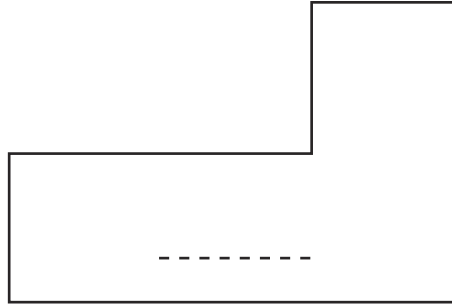
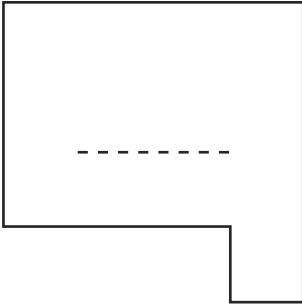
Good luck!

Descriptions of Suspects

Name	Position/job	Team	Boot	Energy Drink	Car They Drive
Andy Adalar	defender	RR	Puma	Boost	Ferrari
Brett Briars	midfielder	UU	Puma	Zippo	Lamborghini
Cameron Card	defender	RR	Nike	Boost	Range Rover Sport
Dan Deal	midfielder	RR	Adidas	Hi Five	Porsche
Eric Englebert	midfielder	UU	Adidas	PowerUp	Lamborghini
Freddie Flynn	defender	UU	Puma	Boost	Porsche
Gil Gierak	midfielder	RR	Nike	Boost	Ferrari
Hamish Hoffman	defender	RR	Nike	Hi Five	Porsche
Ibrahim Iyer	defender	RR	Nike	Boost	Lamborghini
Jin Jiang	forward	RR	Adidas	PowerUp	Porsche
Kemal	forward	UU	Nike	Boost	Range Rover Sport
Leo Li	defender	RR	Nike	Zippo	Ferrari
Morgan Mughal	forward	UU	Puma	PowerUp	Ferrari
Nick North	defender	RR	Nike	Boost	Lamborghini
Olly Oundle	goalie	RR	Adidas	Boost	Range Rover Sport
Piotr Piatek	midfielder	RR	Adidas	Hi Five	Porsche
Quentin Quince	midfielder	UU	Nike	Boost	Porsche
Rory Raven	defender	RR	Nike	Boost	Ferrari
Steinar Simonsen	midfielder	UU	Puma	Zippo	Porsche
Ted Twist	defender	RR	Nike	Boost	Lamborghini
Ulric Upton	forward	RR	Adidas	Hi Five	Lamborghini
Vince Varley	goalie	UU	Puma	Zippo	Range Rover Sport
Will Waters	defender	RR	Nike	PowerUp	Ferrari
Xavier Xin	forward	RR	Nike	Hi Five	Porsche
Yves Yi	forward	UU	Puma	Boost	Porsche
Zoe Zoric	Ref	UU	Adidas	Boost	Lamborghini

Clue 1: Unusual Pitches

Measure the length of each side to the nearest centimetre, to work out the perimeter of the shapes below, then find the measurement in the table to solve the first clue.



33cm Underhill	20cm for	19cm football	16cm played	10cm kit
8cm team	41cm Redbill	13cm destroyed	32cm Boost	15cm Nike
40cm Range	200cm Puma	24cm the	17cm bag	12cm found
14cm saboteur	21cm United	45cm match	22cm Rovers	30cm changing

Clue 1: _____

Clue 2: Take It Away, Boys!

Fill in the missing numbers, find them in the table below, and solve the second clue.

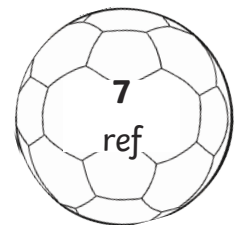
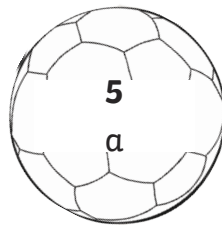
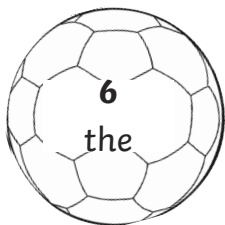
1		6	9
-	2	7	5
1	0	9	4

	2	6	1	2
-	1	7		8
		8	5	4

	9	1	
-	8	7	8
		4	1

	7	3	
-	4	5	2
	2	8	4

	5		1	2
-		6	9	3
	4	7	1	9



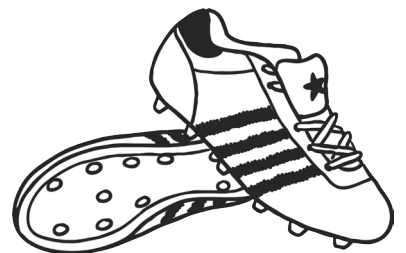
Clue 2: _____

Clue 3: What Time's Kick Off?

Solve these problems, then look for the correct answer in the table below. Reorder the words to solve the clue.

- Match of the Day starts at 22:10 and lasts 1 hour 19 minutes. What time will it end?
- A football cake went in the oven at 10:25am and came out at 11:15am. how long was it in the oven?
- Imrik goes to football training at 10:30am. It will take him 35 minutes to get there. What time will he leave?
- If the 15 minute break at half time is at 14:45, and the next half lasts 45 minutes, what time will the match end?
- Jack is meeting his friends at 13:35, to walk to the match. It will start at 14:15. How long will it take them to walk to the football stadium?
- A football match begins at 14:30 and lasts 45 each half, with 15 minutes at half time. What time will it end?
- It's Andy's football party in 3 hours and 43 minutes. It is now 13:17. What time is the party?

15:45 boot	14:00 Puma	12:35 Hi Five	9:55 was	22:15 Lamborghini
12 minutes goalie	16:15 found	60 minutes Ferrari	17:23 Zippo	5pm Nike
50 minutes with	10:15 Porsche	23 minutes Adidas	23:29 a	19:20 PowerUp
15:23 Boost	40 minutes on	5:10pm discovered	8:55am Range Rover Sport	12:12 under



Clue 3: _____

Clue 4: Do You Have the Energy to Continue?

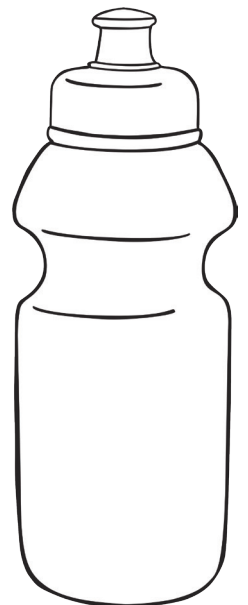
A	B	C	D	E	F	G	H	I	J	K	L	M
5	2	14	6	7	9	54	8	10	22	121	64	19
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
4	38	100	1	72	15	3	81	60	56	0	18	24

_____	_____	_____	_____	_____	_____	_____	_____	_____
$12 \div 4$	$24 \div 3$	$35 \div 5$		3×2	8×9	$120 \div 12$	$48 \div 12$	11×11

_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
8×8	$14 \div 2$	$45 \div 5$	3×1		$24 \div 12$	$21 \div 3$	$32 \div 4$	5×2	$16 \div 4$	$42 \div 7$

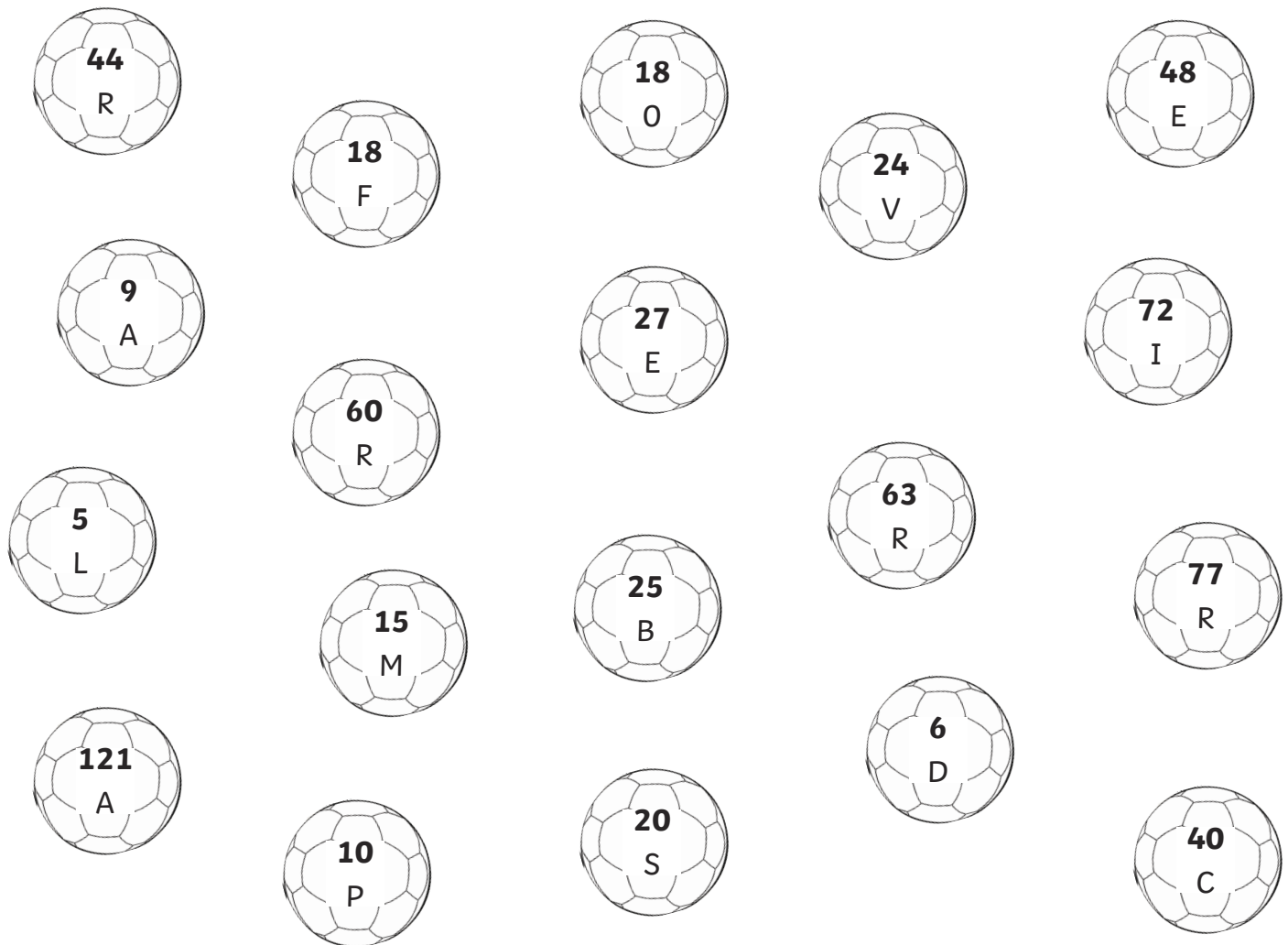
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
$18 \div 9$	$49 \div 7$	9×6	$35 \div 7$	$28 \div 7$		8×7	$30 \div 3$	$9 \div 3$	2×4

_____	_____
$25 \div 5$	$18 \div 9$



Clue 4: _____

Clue 5: It Was Offside, Ref!



Write the multiples of the 6, 9 and 11 times tables, then rearrange the letters to spell three words to solve the last clue.

Clue 5: _____

Have you solved the mystery?
Who is the kit destroying fiend?

The saboteur is: _____

Answers

Clue 1:

Saboteur played for the Rovers.

Clue 2:

The saboteur was a defender.

Clue 3:

A boot with Nike on was found.

Clue 4:

The drink left behind began with a 'b'.

Clue 5: It Was Offside, Ref!

Drove a ferrari.

The football kit saboteur was Rory Raven!