PUZZLE SHEET

Commission and piecework

Question

What do you call your friends who love Maths?

Calculate the commission or piecework to be paid for each person. Match the question letters to the amounts to decode the answer to the riddle.

King White Goods

Commission charges are 5.5% of monthly sales.

Jenny has monthly sales of $12 630	L	Hosni brings in monthly sales of $11 130	U
Gavin manages monthly sales of $9452	G	Callum has monthly sales of $17 459	I

Cruisy Rides Used Car Dealer

Commission is 4.8% on the sale of every vehicle.

Don sells a Suziki Swift for $14 200	A	Will sells a Holden Commodore for $25 342	O
Karen sells a Ford Fiesta for $13 346 and a Toyota Corolla for $15 217	E		
Yvette sells a Mazda 3 for $12 495 and a Nissan Micra for $9 648	B		

Lifestyle Real Estate

Commission charges are 2.5% on first $400 000, then 1.5% on remainder of sale price of property.

Unit sold for $386 000	M	Townhouse sold for $429 000	Y
House sold for $720 000	H	Coastal Property sold for $890 000	R

Quickmake Machine Factory

Pays a piece rate of: $4.15 per T-shirt for the first 50 made and $4.90 per T-shirt thereafter in a week, and $5.20 per pair of pants for the first 30 made and $5.95 per pants thereafter in a week.

Cassie makes 43 T-shirts and 24 pairs of pants in a week	C
Lydia makes 25 T-shirts and 57 pairs of pants in a week	T
'Scissors hands' Sue makes 56 T-shirts and 39 pairs of pants in a week	S

Answer

$10 435	$1216.42	$612.15		$303.25	$681.60	$694.65	$694.65		$420.40	$14800	$1371.02	$9650

'	$681.60	$694.65	$519.86	$1371.02	$1062.86	$17350	$1216.42	$446.45	'!

Answers

King White Goods

Jenny	$694.65	Hosni	$612.15
Gavin	$519.86	Callum	$960.25

Cruisy Rides Used Car Dealer

Don	$681.60	Will	$1216.42
Karen	$1371.02	Yvette	$1062.86

Lifestyle Real Estate

Unit	$9650	Townhouse	$10 435
House	$14 800	Coastal Property	$17 350

Quickmake Machine Factory

Cassie	$303.25
Lydia	$420.40
'Scissors hands' Sue	$446.45

Answer to puzzle

You call them 'algebros'!