Shoe Swindle

Tom left his home town to make his fortune in richer fields. He did. He returned a successful magnate of the shoe trade. He decided to present shoes to all those in the town who would or could wear them. Five per cent. of the people were one-legged and half the others preferred to walk barefoot. How many shoes did he need to buy? (Problem from Rob, Ahipara.)

Another Train

A train 198 yards long passes a post in 15 seconds. Afterwards it overtakes a man and passes him in 18 seconds.

Pedestrian Walks Into Gift

From America comes an amusing story about pedestrians and the way they sometimes behave. A group of people stood on the corner of a busy street, waiting the signal to cross. As they started forward, the "Go" light changed to red. All but one lady took a chance and raced across the street.

The traffic officer approached the lady who had waited, and handed her a ticket. It entitled her to fifteen dollars' worth of merchandise at a department store as a reward for her compliance with the traffic laws.

If the rate of the train was uniform, how fast was the man walking? Afterwards it meets and passes a man in 12 seconds. How fast was he travelling? (Problem from A.G.C., Picton.)

Filling the Cistern

Two pipes running together will fill a cistern in 6 2/3 minutes. If one pipe, running alone, took a minute less to fill the cistern, and the other pipe, two minutes more to do the same, then the two running together, would fill the cistern in seven minutes. Find what time will be taken to fill the cistern by each pipe running alone. (Problem from E.A.C., Wellington, to whom we offer the suggestion that the best way to fill the ordinary cistern would be to turn both taps on and leave them alone.)

THE LISTENER CROSSWORD

Answer to (No. 30)

B	A	R	L	E	Y	C	O	R	N			P
A		E		E		L		A		P		R
N	E	V	E	R		A	G	I	T	A	T	E
E		E		I		S		L		R		T
	I	R	R	E	S	P	E	C	T	I	V	E
P		B				S		A		S		N
A	C	E	T	I	C		A	R	C	H	E	D
R		R		N		D				I		S
T	R	A	N	S	M	I	S	S	I	O	N	
I		T		O		V		T		N		O
C	R	E	M	O	N	A		O	R	E	A	D
L		S		T		N		I		R		E
E			P	H	Y	S	I	C	I	S	T	S