









Mr Payne has forgotten the code to his phone! Can you help by solving the clues and finding the code?

LOCK LETTER	WORD PROBLEM	ANSWER
A 	Hannah carried a stack of 42 plates through the dining room. On the way, she dropped 7 of them. How many were remaining?	
B 	Harry's football team consists of 16 players. During the tournament, 2 were given a red card, 1 became injured, and 1 other player was disqualified. How many players remained after all of that?	
C 	A local record store sold 14 records Monday, then triple that number on Wednesday. On Saturday they sold 65 records. How many records were sold in that week?	
D 	My sister went to lunch with her 2 friends. The waiter came by with a basket of 6 pieces of bread. How many could each girl have equally?	
E 	A strawberry bush produces, on average 80 strawberries in June. In July, that number decreases by 15. In August, only 20 strawberries are grown. How many strawberries are grown in June, July and August combined?	
F 	Playing Pokemon Go, I caught 5 Pokemon. My friend Andy caught 8, and my friend Dan caught 15. How many more Pokemon did Dan catch than Andy?	
G 	A fruit stall usually sells 50 pieces of fruit per hour. If the stall was open from 9:00 a.m - 2:30 p.m, how many pieces of fruit were sold?	
H 	My mom baked a loaf of banana bread and split it equally between me, my dad, and my sister. If there were 12 pieces, how many did we each get?	
FINAL PROBLEM Use the answers from the questions above to unlock the final code: F + G = _____ then subtract A from your total Final answer: _____		YOUR FINAL STEP: Use the answer, and use the digits from the answer to lock D. This will make your 4-digit code: _____

Answers

$$A: 42 - 7 = 35$$

$$B: 16 - 4 = 12$$

$$C: 14 \times 3 = 42, 16 + 42 + 65 = 123$$

$$D: 3$$

$$E: 80 + 65 + 20 = 165$$

$$F: 15 - 8 = 7$$

$$G: 50 \times 5.5 = 275$$

$$H: 4$$

$$F + G - A$$

$$275 + 7 - 35$$

$$282 - 35$$

$$247$$

Final code: 2473