Mixed Problems

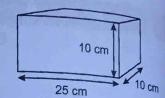
tot colour car they drove. The results		
60 people were asked what colour car they drove. The results were recorded in a pie chart. What percentage of people drove black or silver cars?		
What percentage of people drove black of shiver cars?	The Property	
1. "		Blue
		90° / White
Express the proportion of people who drove blue or red cars as a		60°
2. Express the proposition in its simplest form.	135	145
ffaction	Blac	k Silver
A STATE OF THE PARTY OF THE PAR		
Greg has a bag of peanuts. He eats \(\frac{1}{20}\) of the bag each day.		
3. Greg has a dag of pediatric How many days will it take him to eat 40% of the bag of peanuts?	de la	Martin Maria
4. Class 6B wrote down which flavour of pie was their favourite.	Flavour of Pie	Number of People
They showed their results in a pictogram. How many people	Pecan	000
chose the most popular flavour of pie? Circle the correct answer.	Rhubarb	000
A 2	Pumpkin	00
B 4	Blueberry	0000
C 6 and an income of the Cura y several and of various states and a several and a seve	o d that o	= 2 people
If he esse 6 littles of water each time he fills his hardest how many huckers 8 d		
5. Jacob buys a bag of seeds for £4.50. Each morning he puts out two	rolled train or	Thiese I The Time
cups of seeds on his bird table. The bag runs out after 9 days.) _p
How much does one cup of seeds cost?		
6. Miss Orchard is buying some carpet for her hallway, which is 6 m		
long and 150 cm wide. The carpet she has chosen costs £22 per		
square metre. How much will it cost to carpet her hallway in total?		
7. Mr Phillips filled a swimming pool with water from a hose. 20 litres		
of water went into the pool every minute the hose was turned on.		
Mr Phillips turned the hose on at 8:20 am and turned it off at 10 am.		
How many litres of water did he put into the pool?		
8. 1 m by 4 m rolls of turf cost £80.00. Mr Taylor's yard is 5 m long		
and 8 m wide. How much will it cost him to turf half of his yard?		
The picture on the right shows the angle on a straight line split into 3 parts. What fraction of the total does angle x represent? Circle the correct answer. 75° x °		
	SELECTION COMPA	75° x°
2 /4 C /5 D /6 2 /3		Marine de la companya del companya del companya de la companya de
Mrs Farooq records the sizes of her gas bills on a bar chart. 120	17 12 (169 4)	57 56 TH
How much is her bill in April?		Mean
Price		de 21 Marian
11. What is the second of the		
What is the difference between the highest and lowest price of her gas hills from July to April?		The state of the s
lowest price of her gas bills from July to April?		-
£	Oct Jan A	pr / 11
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Mixed Problems

12. Mr Drew weighed the crops from each of his five apple trees. He worked out that the mean crop weight was 320 kg. The crops from four of his trees were 370 kg, 280 kg, 330 kg and 310 kg. What was the weight of the crop from the fifth tree?



13. Yussif filled this container with 1000 cm³ of water. What percentage of the container was filled with water? Circle the correct answer.



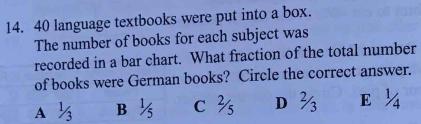
A 30%

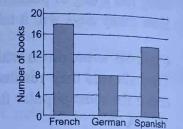
B 15%

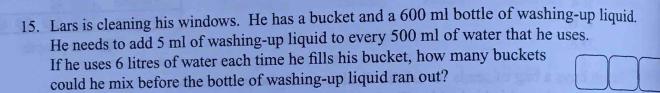
C 40%

D 25%

E 20%







16. Hannah has some tiles in two different shapes — squares and hexagons. She cuts some of the square tiles in half to make triangles and makes the pattern shown on the right.

What is the area of her pattern? Circle the correct answer.





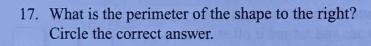
 $\mathbf{A} \ 2H + 8S$

 $\mathbf{B} 2H + 4S$

C 2H + 2S

 $\mathbf{D} H + 4S$

 $\mathbf{E} H + 2S$





A 2a+2b B a+b C $a \times b$ D $2a \times 2b$ E 2a+b-ab

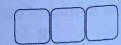


18. Circle the rule below that gives this sequence:

5, 12, 19, 26, 33...

A n+7 **B** 7n-2 **C** 7n+2 **D** n+4 **E** $n+n^2$

19. In the same sequence, which term gives a value of 173?



20. Gerald is paid £3.50 for every half hour of work he does. On Saturday Gerald was at work from 6:20 am to 4:50 pm and he took a 1 hour unpaid lunch break. How much did he earn?



21. Melanie needs to take 15 ml of medicine every 2 hours. She opens a full medicine bottle and takes her first dose at 4 pm on Monday, and finishes the bottle of medicine with a last dose at 2 pm on Wednesday. dose at 2 pm on Wednesday. How much medicine was in the bottle to start with?

