

	C. D.	Shop C Shop D						
3	The foll	lowing pie charts s	how the amount of	f energy and	office build	ing used in t	he year 199	0 and 2000.
	•	The unit for ene	rgy use is kWh					
			Building Energy U Total: 17,000 kWh	lse 1990	Bu To	uilding Energ tal: 15,000 kWh	gy Use 2000	
			12% Kitchen	1 Mee Roo	2% ting 14 oms Kit	% tchen	N	14% leeting Rooms
			20% PC Room	41%	21 PC	% C Room	39%	
			15% Print Room	Office Space	12 Pr	2% int Room	Office Spac	e
	Which	space saw the sma	allest reduction in e	energy use l	between 1	990 and 200	0?	
	A. B. C. D.	Meeting rooms Office space Print room PC room						
4	Lisa nee from he table be	eds office supplies er office mates inst elow.	but it usually takes tead, and gathered	a very long a total of \$5	time for th 50. The sho	ne office to ro	elease a buc ch she can b	dget. So, she collected money buy the supplies are given in the
			ITEM	SHOP A	SHOP B	SHOP C	SHOP D]
			pen	\$4	\$3	\$5	\$3	
			notebook	\$10	\$6	\$9	\$7	
			ruler	\$2	\$5	\$4	\$2	
			scissor	\$15	\$14	\$8	\$10]
			glue	\$8	\$9	\$5	\$7	
	Lisa nee to spen	eds 5 pens, 2 note Id as little as possil	books, 3 rulers, 2 sc ble.	cissors, and	one glue. S	he needs to	buy all the s	supplies from the same shop and
	Which	of the following is	the amount Lisa h	as contribut	ted?			
	А. В.	\$11 \$50						



	B.	Clytee, Sean							
	D.	Dominic, Janet							
7	The fol	owing chart shows t	the amou	nt of money ir	nvested in a cer	tain sector, sho	wing the value	es in millions \$.	
	•	It is known that in	the Pacifi	c Rim, the rat	io of investmen	t to profit is 2:2	15		
					Pacific Americ	Rim :an			
			_				Europea	n	
			4.6	6.3	3.8	3.6	6.2		
			7.4	7.2	5.8	5.9	5.1		
			5.2	5.0	4.4	4.5	3.5		
			Leisure	Manufactur	ing Retail	Government	t Utilities		
	Assumi	ng the statement al	bove is tru	ue, what is th	e amount of pr	ofit gained in t	he pacific rim	in the government secto	r?
	A.	27 million \$							
	B.	32 million \$ 54 million \$							
	D.	13 million \$							
8	Khayle con wil	wants to attend a 9- I be on the following	day comio g days: 1, 2	c convention. 2, 3, 6, 8, 11, 2	Her parents gav 12, 13, and 14. ⁻	re her \$1,522 fo The prices of th	or the tickets a ne tickets are a	nd her allowance. The co s follows.	mic
			PASS	S FOR 1 DAY	PASS FOR 3 D	AYS PASS FC	OR 4 DAYS		
			\$56		\$160	\$215			
	Khayle days as	wants to choose the	e cheapest	valid combin	ation so that sh	e will still have	enough mone	y to be equally divided fo	or 9
	,	ner anowance.							
	Which	of the following wil	l Khayle's	allowance af	ter paying for tl	ne tickets?			
	, Which A.	of the following wil \$110	l Khayle's	allowance af	ter paying for tl	ne tickets?			
	Which A. B.	of the following wil \$110 \$120	l Khayle's	allowance af	ter paying for tl	ne tickets?			
	Which A. B. C.	of the following wil \$110 \$120 \$115	l Khayle's	allowance af	ter paying for tl	ne tickets?			



How many customers will be eligible to receive the give away sack of rice?
How many customers will be eligible to receive the give away sack of rice?
Customer 4 Customer 3 Customer 2 Customer 1 Customer 1
Customer 4 Customer 3 Customer 2 Customer 2 Customer 1 O D D D D D D D D D D D D D D D D D D
Lustomer 3 Customer 2 Customer 1 Customer 2 Customer 1 Customer 1 Customer 2 Customer 1 Customer 1 Customer 2 Customer 1 Customer 1 Customer 1 Customer 1 Customer 1 Customer 2 Customer 1 Customer 1 Customer 2 Customer 1 Customer 1 Customer 2 Customer 1 Customer 1 Customer 2 Customer 1 Customer 2 Customer 1 Customer 2 Customer 2 Customer 2 Customer 3 Customer 3 Custom
Customer 3 Customer 2 Customer 1 Customer 2 Customer 1 Customer 1 Customer 2 Customer 1 Customer 1 Customer 2 Customer 1 Customer 1 Customer 2 Customer 1 Customer 1 Customer 1 Customer 1 Customer 1 Customer 2 Customer 1 Customer 2 Customer 2 Customer 1 Customer 2 Customer 2 Customer 2 Customer 2 Customer 3 Customer 3 Custom
Customer 2 Customer 1 Customer 2 Customer 1 Customer 2 Customer 2 Customer 1 Customer 2 Customer 2
Customer 2 Customer 1 Customer 2 Customer 1 Customer 1 Customer 2 Customer 2 Custom
Customer 1 Customer 2 Customer 2 Custom
Customer 1 0 5 10 15 20 25 30 How many customers will be eligible to receive the give away sack of rice? A. 5 B. 3
How many customers will be eligible to receive the give away sack of rice?
0 5 10 15 20 25 30 How many customers will be eligible to receive the give away sack of rice?
How many customers will be eligible to receive the give away sack of rice?
How many customers will be eligible to receive the give away sack of rice?
A. 5 R 3
A. 5
D 2
0. 3
C. 4
D. 1
GROUP GUESS 1 GUESS 2 GUESS 3
1 73 °F 49 °F 85 °F
2 69 °F 70 °F 65 °F
3 36 °F 42 °F 96 °F
4 58 °F 62 °F 36 °F
The teacher revealed that a glass starts to break at 60 °F.
Which group guessed the value closest to the answer?
A. Group 1
B. Group 2
C. Group 3
D. Group 4
Engineers from the Construction Division were asked about their means of transportation goin











D. Finland



25 Megan won four times during their office party. She wants to know which of the prizes is the grand prize and which are the consolation prizes only. So, she looked through the prices of each item in the market. The data she gathered are given below.

PRIZE	MARKET PRICE
Electric Fan	\$130
Microwave	\$420
Toaster	\$230
Rice Cooker	\$75

Which of the following graph best describes the data above if the gray portion represents the Toaster?





	•	KIDS	AVERAGE			
	1	L	23			
	2	2	34			
	3	3	25			
	2	1	24			
	5	5	28			
	e	5	31			
	7	7	35			
	٤	3	23			
	<u> </u>	9	25			
	1	10	25			
above?						
B. 27						
C. 29						
D. 28						
Christine can't decide where s on her list on a scale of 1 to 10	he should purchase	her coffee	from. There	efore, she a	sked her c	colleagues to rate the br
	DOG BREED	Ruel	Rey	Raven	Riva	
	Aroma	55	8	25	15	
	Belaroma	12	41	25	29	
	Coffex	23	35	25	22	
	Danes Coffee	10	16	25	34	

					Aroma											
				Bel	laroma											
					Coffex											
				Danes	Coffee											
	A. Ru B. Re C. Ra D. Riv	iel :y iven va														
)	Maye recer conducted Monday, ar	ntly auditi by the ch nd Tuesda	oned a orale cl y.	s a cho ub. Hei	ir men r first o	nber. Ir day of 1	n orde trainin	r to be Ig is or	e an n Fri	official day 18	memb May, a	er, she nd the	neede re will	d to co be no t	omplet trainin	te a 15- g every
				M	ay							Ju	ine			
		М	Т	w	т	F	S	S		М	т	W	Т	F	S	S
			1	2	3	4	5	6						1	2	3
		7	8	9	10	11	12	13		4	5	6	7	8	9	10
		21	15 22	16 23	17 24	18 25	19 26	20	-	11 18	12 19	13 20	14 21	15 22	16 23	17 24
		28	29	30	31	20	20	21	1	25	26	27	28	29	30	
	What is the A. Th B. W C. Sa D. Th	e day and ursday 14 ednesday turday 2 J ursday 31	date o 1 June 13 Jun June L May	f her fi r e	nal tra	ining?										
1	Yohan rece	ntly boug	ht a the	ermom	eter aı	nd tried	d testi	ng it o	on ce	ertain ol	bjects.	The ta	ble bel	ow sho	ows th	e data.
						OBJE	СТ		TEN	IPERAT	URE					
						Glass			26°(2						
						Plasti	С		13°(2						
						Metal			49°(2			,			
						Curta	in		3°C							



Belle is giving away her books this year. To make it easy for her to track the books that she will be giving away, she tallied all the books she read each month. The table below shows the data she gathered.

MONTH	BOOKS READ
January	3 books
February	9 books
March	7 books
April	12 books
May	3 books
June	4 books
July	5 books
August	7 books
September	8 books
October	1 book
November	4 books
December	7 books

Which month was missed out based on the graph?



- A. February
- B. March
- C. May
- D. November

34 Jenna is planning to go camping with her friends on October 29 to November 5, 2022. They want to rent a tent with a free mattress and a pocket wifi as inclusions. Shown in the table below are the shops and their rental rates.

	SHOP	RATE PER DAY	MATTRESS (RATE PER DAY)	POCKET WIFI (RATE PER DAY)
	А	\$150	\$18	\$12
	В	\$175	\$15	\$9
	С	\$160	\$14	\$7
	D	\$180	\$17	\$8
	Which of the following	shops should she choose if she	wants to spend as little as possib	le?
	A. Shop AB. Shop BC. Shop CD. Shop D			
35	Josh wants to purchase showing the four shops	the newest phone model online he is choosing from. The chart h	. He wants to spend as little as po le made is shown below.	ssible. So he made a chart
	Delivery Fee	120 100 80 60 40 20 0 \$- \$100.00 \$2	Shop B Shop D Shop D Shop D 200.00 \$300.00 \$400.00 Phone Price	Shop C \$500.00
	Which shop should he A. Shop A B. Shop B C. Shop C D. Shop D	get his new phone from if he wa	ants to save more?	
36	Six friends were assigned the table below.	ed to different countries. The list	of their monthly incomes and the	tax rate per country is given in

	NAME	COUNTRY	MONTHLY INCOME	TAX RATE
	Joshua Smith	Brazil	\$12,000	3%
	Claire Evans	Singapore	\$14,000	5%
	Fiona Gonzales	Australia	\$22,000	8%
	Michael Purr	Canada	\$24,000	10%
	Sean Pain	France	\$18,000	2%
	Stella Maris	China	\$20,000	6%
37	A. \$1,950 B. \$2,500 C. \$1,400 D. \$2,040 Below shows the monthly expe	enses for Rucs Construction Serv	vices.	
	\$8,000 \$7,000 \$6,000 \$5,000 \$4,000 \$3,000 \$2,000 \$1,000 \$- \$- Which months have the greate A. January and February	56,000 \$6,000 \$2,000 \$3,500 \$3,500 \$3,500 \$3,500 \$3,500 \$3,500 \$3,500 \$3,500 \$3,500 \$3,500 \$3,500 \$3,500 \$3,500 \$3,500 \$3,500 \$3,500 \$3,500 \$3,500 \$3,500 \$3,500 \$3,500 \$4,100 \$3,500 \$3,500 \$4,100 \$3,500 \$4,100 \$3,500 \$3,500 \$4,100 \$3,500 \$4,100 \$3,500 \$4,100 \$3,500 \$4,100 \$3,500 \$4,100 \$3,500 \$4,100 \$3,500 \$4,100 \$3,500 \$4,100 \$4,100 \$3,500 \$4,100 \$4,100 \$4,100 \$4,100 \$4,100 \$4,100 \$4,100 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000\$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,	5,200 \$6,300 \$4,20 \$4,800 \$3,800 \$1,500 \$1,500 \$53,800 \$1,500 \$1,500 \$53,800 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1	0 \$3,700 een ¹⁰²⁵
	A. January and FebruaryB. July and AugustC. April and JulyD. March and May			
38	Justin, together with his wife a of them needs an admission tid	nd two children (ages 4 and 18) :ket. The prices for the tickets a	, wants to spend the weekend re based on age.	in the amusement park. Each



		VEHICLE	FARE
		Bus	\$10 per 100 metres
		Тахі	\$12 per 10 metres
		Train	\$7 per kilometres
		Light Rail	\$8 per 50 metres
		Watercraft	\$15 per kilometres
Which	public vehicle should he choo	ose?	
A.	Bus		
B.	Train		
C.	Taxi		
D.	Watercraft		