11+ Practice Tests

🖀 ExamNinja

1	A spherical balloon has a total surface area of 100π cm ² . Calculate the volume of the balloon, giving your answer to the nearest whole number.								
	A 523.6 cm ³	B 1000	cm ³ C	2 619 cm ³	D 4 189 cm ³	1			
2	Mia is baking cupcakes for a school fundraiser. She needs to make a total of 72 cupcakes, and each batch yields 12 cupcakes.								
	How many batches of cupcakes does Mia need to bake to reach her goal?								
	A 6	B 8	C 9	D	10	1			
3	Tickets cost £8 e Which of the follo	ach and popcorn c	na with her friends. osts £5 per bucket. s could Amelia buy? ets and 2 popcorn C poj	2 tickets and 3 ocorn bucket	D 3 tickets and 3 popcorn buckets	 1			
4	A factory produces 12 bottles of shampoo per box. Each bottle contains 250 ml of shampoo. Sarah's hair salon orders 36,000 ml of shampoo from the factory. How many boxes of shampoo did Sarah's hair salon order? A 12 B 120 C 1 200 D 12 000								
5	A rectangular fish What is the lengtl A 30 cm		of 30 cm, a height of 4	0 cm and a volume of 50 cm	f 36,000 cm ³ . D 30 cm	1			

She has 180 cm of string a										
Which expression represe		equal pieces.								
	ents the length of each pie	She has 180 cm of string and wants to cut it into 12 equal pieces.								
A 180 ÷ 12	Which expression represents the length of each piece of string in cm?									
	B 12 + 180	C 180 - 12	D 180 × 12	1						
A pizza restaurant offers a special deal where they cut their extra-large pizzas into 12 equal slices.										
What is the angle, in degrees, of each slice of the extra-large pizza?										
A 30°	B 24°	C 36°	D 45°	1						
A local bakery charges a base fee of £5 for a cake, plus £2.50 per layer and £1.25 for each type of frosting used.										
The total cost of a cake can be calculated using the formula: Total Cost = 5 + 2.5L + 1.25F, where L is the number of frosting types.										
If Emma orders a cake with 4 layers and 3 types of frosting, how much will she pay in total?										
A 18.75	B 13.75	C 15.25	D 20.00	1						
Amelia has a collection of 12 seashells that she found on the beach during her holiday.										
The total weight of her seashell collection is 420 g.										
She gives her friend a seashell that weighs 35 g as a souvenir.										
What is the average weight of Amelia's remaining seashells?										
what is the average werg										
	B 32 g	C 38 g D	34.5 g	1						
	B 32 g	C 38 g D	34.5 g	1						
A 35 g	B 32 g		34.5 g	1						
A 35 g A school is organising a tr		nts.	34.5 g	1						
A 35 g A school is organising a tr	ip to the zoo for 312 stude into 8 equal-sized groups,	nts.	34.5 g	1						
	What is the angle, in degr A 30° A local bakery charges a used. The total cost of a cake c number of layers and F is If Emma orders a cake wi A 18.75 Amelia has a collection of The total weight of her se	What is the angle, in degrees, of each slice of the example A 30° B 24° A local bakery charges a base fee of £5 for a cake, used. The total cost of a cake can be calculated using the number of layers and F is the number of frosting type If Emma orders a cake with 4 layers and 3 types of the formation of 12 seashells that she formation of 12 seashells that she formation is 420 g.	What is the angle, in degrees, of each slice of the extra-large pizza? A 30° B 24° C 36° A local bakery charges a base fee of £5 for a cake, plus £2.50 per layer and £1 used. The total cost of a cake can be calculated using the formula: Total Cost = 5 + 2 number of layers and F is the number of frosting types. If Emma orders a cake with 4 layers and 3 types of frosting, how much will she A 18.75 B 13.75 C 15.25 Amelia has a collection of 12 seashells that she found on the beach during her H The total weight of her seashell collection is 420 g.	A 30° B 24° C 36° D 45° A local bakery charges a bet of £5 for a cake, plus £2.50 per layer and £1.55 for each type of frosting used. A local cost of a cake carbinet of frosting types. The total cost of a cake carbinet of frosting types. If Emma orders a cake with 4 layers and 3 types of frosting, how much will be pay in total? A la75 B 13.75 C 15.25 D 20.00 D 20.00						