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1 There is a famous park in my town. 322 tourists came to the park in April, 172 tourists came in May, and 207 tourists came in June. Approximately how many tourists came to the park during these three months? Estimate the number of tourists to the nearest hundred.

Math sentence

<u>Answer</u>

2 The table below shows the number of people that came to a football stadium on Saturday, Sunday and Monday.

Day of the week	Saturday	Sunday	Monday		
Number of people	15340	23537	8752		

 Approximately how many people came to the stadium these three days? Estimate the number of people to the nearest thousand.

Math sentence

Answer

2 What is the difference between the number of people that came on Saturday and the number of people that came on Monday? Round to the nearest thousand. <u>Math sentence</u>

Answer



The distance from my house to the market is 725 m round trip. My mother walks to this market 295 days a year. What is the approximate travel distance that my mother walks in a year? Estimate the total distance by using rounded numbers to the highest place.

Math sentence

<u>Answer</u>

2 My father delivers newspapers to 289 houses in our neighborhood 317 days a year. Approximately how many newspapers does he deliver in one year? Estimate the answer by using rounded numbers to the nearest hundred.

Math sentence

Answer

In one day, a company sold 615 packages of sweet. Approximately how many packages of sweet will this company sell in half year (182 days)? Estimate the answer by using rounded numbers to the nearest hundred. Math sentence

<u>Answer</u>

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1 An automobile company sold 23708 cars last year (365 days). Approximately how many cars did the company sell in one day? Estimate the answer by using rounded numbers to the nearest thousand for the dividend and to the nearest hundred for the divisor.

Math sentence

<u>Answer</u>

2 The perimeter of the lake at the park is 790 m. The distance you run during a marathon is 42195 m. How many times would you have to run around the perimeter of the lake to run as far as a marathon? Estimate the answer by using rounded numbers to the nearest ten thousand for the dividend and to the nearest hundred for the divisor. Math sentence

Answer

3 There are 213 boxes. The total weight is 27940 kg. Approximately how much does one box weigh? Estimate the answer by using rounded numbers to the nearest thousand for the dividend and to the nearest hundred for the divisor. <u>Math sentence</u>

<u>Answer</u>



Another girl is wondering if 600 zeds* is enough to buy a ballpoint pen (135 zeds), scissors (222 zeds) and a diary (219 zeds). **Round up** the cost each item and estimate the total cost if she can buy all three items with 600 zeds. (* "zed(s)" is the fictional currency unit.) Math sentence

Answer

• Example 2 At this stationary shop, we can draw one lot for purchases of 500 zeds* or more. A boy wants to purchase a marker (126 zeds), a ruler (179 zeds) and a pencil case (221 zeds). He is wondering whether the total is 500 zeds or more. Round down the price of each item and estimate the total cost if he can draw one lot. ("zed(s)" is the fictional currency unit.)

Math sentence

|20 + |70 + 220 = 5|0

Answer The total is more than 500 zeds and he can draw one lot.

To judge whether the total cost is more than a certain amount, you can <u>round down</u> each price and then add them together. In this case, round the numbers to the nearest ten.

At this store, we can get a small gift for purchases of 600 zeds* or more. I would like to buy a pencil set (102 zeds), a set of paperclips (154 zeds) and a pencil sharpener (378 zeds). Can I get a small gift? Round down the cost each item and estimate the total cost. (* "zed(s)" is the fictional currency unit.) Math sentence

<u>Answer</u>

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	3		9	Rοι	unding Numbers	and Ca	lculati	on			
	9					Rev	view				
1 a	Which of the following numbers can be expressed as approximate numbers? Explain your reasoning.										as
1	The distance between your home and the station										
3	Your temperature when you are sick The number of people attending a school festival										
4	4 Your height in cm										
<u>Ans</u>	swer		Yc	our re	eason						
In which place do we need to round 3472856 in each of the following cases? Then answer the rounded numbers.											
To find out about how many ten-thousands there are.											
2 To approximate to the nearest thousand.											
3	10	appr	oxima	te to	o the highest p	lace.		[
						pl	ace				
						pi pl	ace				
	_	_	C			pi	ace				
3	Ro	und	the fol	low	ing numbers to	o the n	eares	st ten	tho	usand.	
1	1094	42			2 437296		3	29858	371		
									ľ		
them to the nearest thousand.											
1	5026	53	2 40'	732	3 50941	49	504				
								L			
5	W	nat ai	re the	sma	allest and large	st num	bers	that o	can	be round	led
10				nun				e neal	est		1

Estimate the answers to the following problems by rounding 6 the numbers to the nearest hundred.



7 Estimate the answers to the following problems by rounding the numbers to the highest place.

 847×5649 1 2 7298×284 1965×412 3 4 76354 ÷ 38 5 62648 | ÷ | 90 6 892785 ÷ 315



My friend is wondering if 1000 zeds* is enough to buy a 8 tooth paste (246 zeds), a washing detergent (375 zeds) and a shampoo (418 zeds). Round up the cost each item and estimate the total cost if she can buy all three items with 1000 zeds. (* "zed(s)" is the fictional currency unit.)

> When calculating, round up the numbers to the nearest ten.

Answer

Math sentence

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