

Year 5 Zonal 2025

Y5/1. What number must be added to $18\frac{1}{3}$ to get 99?

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Y5/2. When Mohan was 12 years old, Mika was one-third of his age. How old is Mika today if Mohan is 45 years old?

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Y5/3. What is the time 3180 seconds after 7.36 pm?

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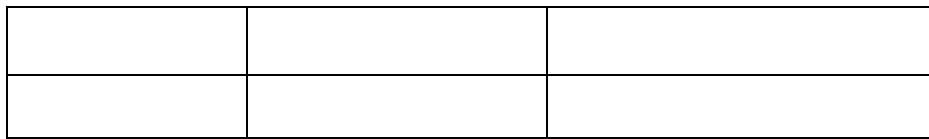
Y5/4 How many rectangles can be found in this diagram?



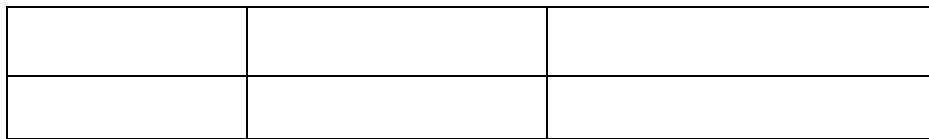
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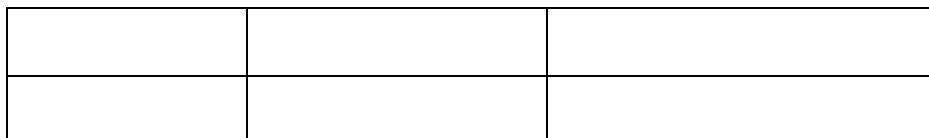
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Y5/5. A bowl of fruit contains only apples, oranges, pears and bananas. One-quarter of the total number of fruits are apples. There are 5 oranges, 3 pears and 10 bananas. How many fruits are there in the bowl altogether?

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Y5/6. Kama has a farm with lots of cows and chickens. If there is a total of 12 heads and 36 legs amongst her animals, how many of the animals are cows?

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Y5/7. When I opened the pages of my book the sum of the two page numbers facing me was 177. What is the product of the two page numbers?

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Y5/8. The length of a rectangle is double its width. The perimeter of the rectangle is 48cm.
What is the length of the rectangle?

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Y5/9 A magic square is shown below. The sum of the numbers in any row, column or diagonal must be same.

What is the value of P?

16		P
10		15
12		

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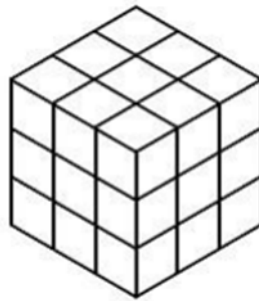
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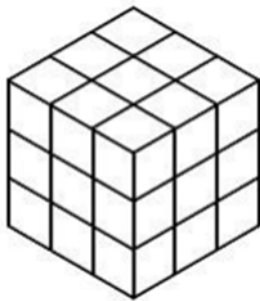
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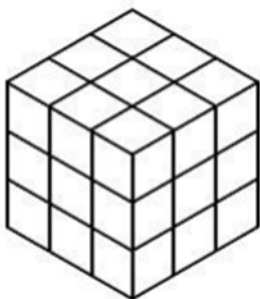
Y5/11 A cube with side length of 3 cm is painted red and cut into smaller cubes each with side length of 1 cm. How many of the smaller cubes have exactly 3 faces painted?



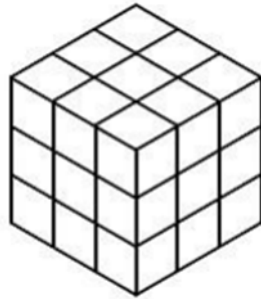
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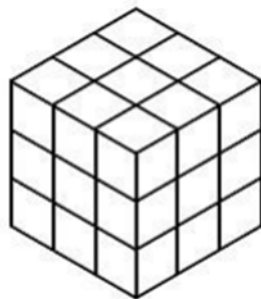
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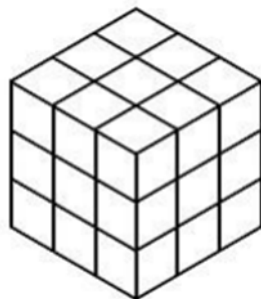
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Y5/13 Raju and Anasi decided to save money. Each chose a jar and put \$10 in it. Raju decided to add \$1 per month to his jar. Anasi will add \$5 per month to her jar. In how many months will Anasi have exactly three times as much money in her jar as Raju does?

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Y5/14 What is the next term in this sequence? 3, 15, 75, 375, ____

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Y5/15 Four friends are exchanging presents for Christmas. If each friend gives one present to everyone else, how many presents were exchanged in total?

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Y5/16 Rajen started reading his story book at the top of page 17 and finished at the bottom of page 63. How many pages did he read?

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Y5/17 Kavita is baking cupcakes. If she can bake one and a half dozen cupcakes every 25 minutes, how many cupcakes can she bake in 3.75 hours?

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What was the total amount she spent?

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Y5/19 A taxi charges \$2 flat rate in addition to 80 cents per kilometer.

How many kilometers can you travel if you just have \$12?

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