





I'm not robot!



<p>I divide into 100 with no remainder. I am the ten thousands digit in 4,759,231. Who am I?</p> 	<p>I am divisible by 3. I am an even number. I am the missing number in <math>48/x=8</math>. Who am I?</p> 
<p>I am 43 less than 50. I am one more than the number of sides on a hexagon. Who am I?</p> 	<p>I am the perimeter of a square with sides that are 2 inches long. I am an even number. Who am I?</p> 

**उत्तर**  
 1. दस  
 2. 48  
 3. 47  
 4. 43  
 5. 10

## Math Quiz 4

### 3. Fill in the blanks.

(a) 
$$\begin{array}{r} 3 \quad 8 \quad 6 \\ - \quad \square \quad 4 \quad \square \\ \hline 2 \quad 3 \quad 8 \end{array}$$

(b) 
$$\begin{array}{r} \square \quad 7 \quad 7 \\ - 4 \quad 3 \quad \square \\ \hline 3 \quad 3 \quad 9 \end{array}$$

$$\begin{array}{r} 1 \times 5 \\ -6 \times 5 \\ \hline -30 \end{array}$$

$$\begin{array}{r} 1 \times 6 \\ -6 \times 6 \\ \hline -36 \end{array}$$

$$\begin{array}{r} 1 \times 7 \\ -6 \times 7 \\ \hline -42 \end{array}$$

$$\begin{array}{r} 1 \times 8 \\ -6 \times 8 \\ \hline -48 \end{array}$$

(iv) 
$$\begin{array}{r} -2 \\ 3 \end{array}, \begin{array}{r} 2 \\ -3 \end{array}, \begin{array}{r} 4 \\ -6 \end{array}, \begin{array}{r} 6 \\ -9 \end{array}$$

$$\begin{array}{r} -2 \\ 3 \end{array}, \begin{array}{r} 2 \\ -3 \end{array}, \begin{array}{r} 2 \times 2 \\ -3 \times 2 \end{array}, \begin{array}{r} 2 \times 3 \\ -3 \times 3 \end{array}$$

The next four rational numbers in this pattern are

$$\begin{array}{r} 2 \times 4 \\ -3 \times 4 \end{array}, \begin{array}{r} 2 \times 5 \\ -3 \times 5 \end{array}, \begin{array}{r} 2 \times 6 \\ -3 \times 6 \end{array}, \begin{array}{r} 2 \times 7 \\ -3 \times 7 \end{array}$$

$$\begin{array}{r} 8 \\ -12 \end{array}, \begin{array}{r} 10 \\ -15 \end{array}, \begin{array}{r} 12 \\ -18 \end{array}, \begin{array}{r} 14 \\ -21 \end{array}$$

Question 3:  
Give four rational numbers equivalent to:

(i)  $\frac{-2}{7}$  (ii)  $\frac{5}{-3}$  (iii)  $\frac{4}{9}$

Answer:  
(i)  $\frac{-2}{7}$

Four rational numbers are

$$\begin{array}{r} -2 \times 2 \\ 7 \times 2 \end{array}, \begin{array}{r} -2 \times 3 \\ 7 \times 3 \end{array}, \begin{array}{r} -2 \times 4 \\ 7 \times 4 \end{array}, \begin{array}{r} -2 \times 5 \\ 7 \times 5 \end{array}$$

$$\begin{array}{r} -4 \\ 14 \end{array}, \begin{array}{r} -6 \\ 21 \end{array}, \begin{array}{r} -8 \\ 28 \end{array}, \begin{array}{r} -10 \\ 35 \end{array}$$

(ii)  $\frac{5}{-3}$

Four rational numbers are

$$\begin{array}{r} 5 \times 2 \\ -3 \times 2 \end{array}, \begin{array}{r} 5 \times 3 \\ -3 \times 3 \end{array}, \begin{array}{r} 5 \times 4 \\ -3 \times 4 \end{array}, \begin{array}{r} 5 \times 5 \\ -3 \times 5 \end{array}$$

$$\begin{array}{r} 10 \\ -6 \end{array}, \begin{array}{r} 15 \\ -9 \end{array}, \begin{array}{r} 20 \\ -12 \end{array}, \begin{array}{r} 25 \\ -15 \end{array}$$

### हल— पृष्ठीय क्षेत्रफल जिस पर चाँदी का पेंट होता है

$$= 8 \text{ (गोले का वक्र पृष्ठीय क्षेत्रफल - आधार का क्षेत्रफल जिस पर गोला रखा है)}$$

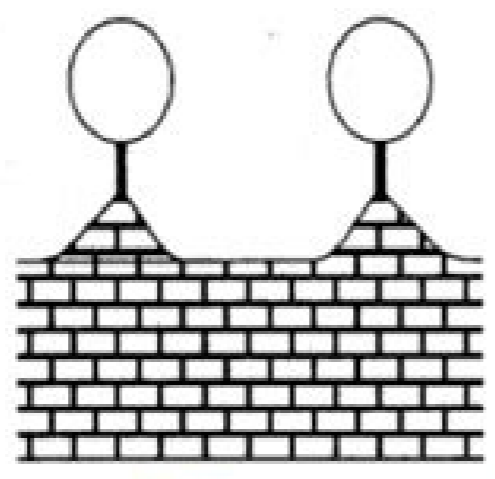
$$= 8(4\pi R^2 - \pi r^2) = 8\pi(4R^2 - r^2)$$

$$= 8\pi \left[ 4 \left( \frac{21}{2} \right)^2 - (1.5)^2 \right]$$

$$= 8\pi \left[ 4 \times \frac{441}{4} - 2.25 \right] = 8\pi(441 - 2.25)$$

$$= 8\pi(438.75) \text{ सेमी} = 8 \times \frac{22}{7} \times 438.75$$

$$= \frac{77220}{7} \text{ सेमी}^2$$



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∴ 25 पैसे प्रति वर्ग सेमी की दर से चाँदी का पेंट करवाने का व्यय

$$= ₹ \left( \frac{77220}{7} \times \frac{25}{100} \right) = ₹ 2757.86 \text{ (लगभग)}$$

अतः पृष्ठीय क्षेत्रफल जिस पर काला पेंट होना है,

$$= 8 \times \text{बेलन का वक्रपृष्ठ} = 8 \times 2\pi rh$$

$$= 8 \times 2 \times \frac{22}{7} \times 1.5 \times 7 = 528 \text{ सेमी}^2$$

∴ 5 पैसे प्रति सेमी<sup>2</sup> की दर से काला पेंट करवाने का व्यय = ₹  $\left( 528 \times \frac{5}{100} \right) = ₹ 26.40$

अतः पेंट करवाने का कुल व्यय = ₹ 2757.86 + ₹ 26.40 = ₹ 2784.86 (लगभग)

**प्रश्न 3.**  
एक गोले के व्यास में 25% की कमी हो जाती है। उसका वक्र पृष्ठीय क्षेत्रफल कितने प्रतिशत कम हो गया है?

**हल—**  
माना गोले का व्यास d है।  
गोले का पृष्ठीय क्षेत्रफल =  $4\pi \left( \frac{d}{2} \right)^2$  (∵ r =  $\frac{d}{2}$ )

गोले के व्यास में 25% की कमी हो जाती है।

Riddles for class 5 in english. Maths riddles for 5th class. Best math riddles with answers. 5 riddles with answers in english. What are some riddles for 5th graders.

Math riddles are one of the best ways to stimulate children's minds. It is not only a fun-filled activity but also a way to keep them occupied. Boost your Math skills with FREE Math Apps (Check it NOW) Math riddles are loved by children and elders alike. In this blog, I've included some interesting math riddles for class 5 students. What can you put between 4 and 5, to get the answer greater than 4 and less than 5? Ans- Add a decimal point in between. 2. You are eating a pizza with your friend. Its crust thickness is 'a' and radius is 'z'. If so, what is the volume of the pizza? Ans-  $\pi r^2 z \pi a$  3. Divide 110 into two so that one will be 150 percent of the other. What are the numbers? Ans- 66 and 44 4. Using the number 1 to 7 and '+' symbols, how many times can you make the number 100? Ans- Two ways 5. How can you show that half of the number 5 is equal to 4? Ans- From FIVE, Remove two letters, F & E, So, the remaining is IV, 4, 6, I occur once in every minute, twice in every moment, and never in a thousand years? Ans- The letter M 7. How many squares are there in a chessboard? Ans- 204 squares 8. What would the circle would have said to the tangent line? What would circle tell to a tangent? Ans- "Stop touching me!" 9. What kind of a tree does a math teacher climb? Ans- Geometry Also Read: GK Questions For Class 5 This post contains affiliate links. If you click and buy we may make a commission, at no additional charge to you. Please see our disclosure policy for more details. We love to have fun in our house and one of the ways we have fun is by telling jokes and some good brain teasers. More recently we have started introducing tricky math riddles for kids to our family. The kids love trying to solve math riddles and if I am being honest I love them too because it introduces so many great life long skills into their lives. Math riddles for kids are not only fun, but they also help challenge lateral thinking, teach problem-solving skills, develop creative problem solving, and also help teach math skills. No matter what age your kids are, there are tricky math riddles that are just right for them. Here are some of our favorite tricky math riddles for kids! 30 Math Riddles for Kids X is an odd number. Take an alphabet away from X and it becomes even. Which is that number? Answer: Seven (Seven-S=Even) A grandmother, two mothers, and two daughters went to a baseball game together and bought one ticket each. How many tickets did they buy in total? Answer: 3 tickets (the grandmother is also a mother and the mother is also a daughter) At the time of shipping, Tom can place 10 small boxes or 8 large boxes into a carton. A total of 96 boxes were sent in one shipment. The number of small boxes was less than large boxes. What is the total number of cartons he shipped? Answer: 11 cartons 4 small boxes (410 = 40 boxes) 7 large boxes (78 = 56 boxes) So 96 boxes and 11 total cartons When Miguel was 6 years old, his little sister, Laila, was half his age. If Miguel is 40 years old today, how old is Laila? Answer: She is 37 years old. You are given 3 positive numbers. You can add these numbers and multiply them together. The result you get will be the same. Which are the numbers? Answer: 1, 2 and 3 What can you put between a 7 and an 8 so that the result is greater than a seven, but less than an eight? Answer: A decimal. 7.8 is greater than 7, but less than 8 Tom was asked to paint the number of plates on 100 apartments which means he will have to paint numbers 1 through 100. Can you figure out the number of times he will have to paint the number 8? Answer: 20 times. (8, 18, 28, 38, 48, 58, 68, 78, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 98) What did the triangle say to the circle? Answer: You're pointless. If two's company and three's a crowd, what are four and five? Answer: 9 What is the maximum possible number of times you can subtract number 5 from number 25? Answer: Only once. This is because when you subtract 5 from 25 for the first time, it becomes number 20, then 15 and so on. Leon works at the aquarium. When he tries to put each turtle in its own tank, he has one turtle too many. But if he puts two turtles per tank, he has on tank too many. How many turtles and how many tanks does Leon have? Answer: He has 3 tanks and 4 turtles A 300 ft. train is traveling 300 ft. per minute must travel through a 300 ft. long tunnel. How long will it take the train to travel through the tunnel? Answer: The score is always 0-0? Answer: The score is always 0-0 before the game. What is the difference between a dollar and a half and thirty-five cents. Answer: Nothing If you multiply this number by any other number, the answer will always be the same. What number is this? Answer: Zero What did one math book say to the other math book? Answer: Do you want to hear my problems? There is a clothing store in Bartlesville. The owner has devised his own method of pricing items. A vest costs \$20, socks cost \$25, a tie costs \$15 and a blouse costs \$30. Using the method, how much would a pair of underwear cost? Answer: \$45. The pricing method consists of charging \$5 for each letter required to spell the item. If seven people meet each other and each shakes hands only once with each of the others, how many handshakes will there have been? Answer: Twenty One There you have it. 30 tricky math riddles for kids! What math riddles for kids would you add to the list? Be sure to share in the comments! TwitterFacebookPinterest42Email A Post By: Anthony PersicoSome have been around for centuries, while others are brand spanking new—but all have been selected as the most fun and engaging math riddles for those who love to challenge their problem-solving skills and have fun solving math puzzles. Enjoy! Fun and engaging math riddles and logic puzzles are an amazing way to get students to think critically, develop problem-solving skills, and think about mathematics in a creative way!In fact, several recent studies have shown that students who work on math puzzles—with and without teacher supervision—improve their math problem-solving skills, learning abilities, and willingness to stick with challenging problems, according to Edutopia.And if you are looking for a collection of super fun, challenging, and sometimes silly math riddles and brain teasers for kids, then it's time to put your brain to the test!Note that the following math riddles are best suited for kids ages and older and they are also fun for high school students and adults!Are YOU ready? Each of the following math riddles includes an image graphic and there is an answer key at the end!But if you want more detailed

explanations of how to answer every riddle, check out the Math Riddles Explained! video link below and be sure to give it a thumbs up!Watch the Math Riddles Video: There is also a link to download a Free Printable PDF Math Riddles Worksheet and Answer Key that shares all of these riddles at the end of this post!All of the math riddles, puzzles, and brain teasers below are from the best-selling 101 Math Riddles, Puzzles, and Kids Ages 10+! PDF workbook, which is now available!10 Awesome Maths Riddles and Brain Teasers for Kids:Math Riddle #1: Truth or Square? The best-selling workbook 101 Math Riddles, Puzzles, and Brain Teasers for Kids Ages 10+! is now available as a PDF download. You can get yours today by clicking here. Math Riddle #6: Which Weighs More?

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