Mathematics -Class 6

**Fractions**

1. The fraction representing the shaded portion is <br /><img src="1\_Q.gif" >@1/4,@3/4,@1/2,@1/8@1000
2. The fraction representing the shaded portion is<br /><img src="2\_Q.gif" >@1/4,@1/2,@1/3,@1/8,@0100
3. The fraction representing the shaded portion is<br /><img src="3\_Q.gif" >@1/4,@1/2,@3/4,@none of these@0010
4. The fraction representing the shaded portion is<br /><img src="4\_Q.gif" >@1/4,@1/2,@1/8,@none of these@0010
5. The fraction representing the shaded portion is<br /><img src="5\_Q.gif" >@ 1/2,@1/4,@1/3,@1/6,@0001
6. What fraction of $100 is 50$? @1/2,@1/4,@1/8,@1/10,@1000
7. What fraction of $100 is 25$? @1/2,@1/4,@1/8,@1/10,@0100
8. What fraction of an hour is 30 minutes?@1/4,@ 1/2@1/3@1/5,@0100
9. What fraction of a day is 12 hours?@1/2,@1/4,@1/3,@1/6,@1000
10. Which of the following is a proper fraction?@1/2,@5/4,@3/2,@9/2,@1000
11. Which of the following is a proper fraction?@0/1,@5/2,@7/4,@1/13,@1000
12. Which of the following is a proper fraction whose numerator is 1 and denominator is 3?@ 1/3@1/6@1/9@1/12@1000
13. Which of the following is an improper fraction?@2/3,@3/4,@4/5,@5/4,@0001
14. Which of the following is an improper fraction?@1/4,@3/8,@1/13,@2/5,@0010
15. Express 5/2 as a mixed fraction. @<img src="15\_A1.gif" ><img src="15\_A2.gif" ><img src="15\_A3.gif" ><img src="15\_A4.gif" >@0100
16. Express 9/4 as a mixed fraction. @<img src="16\_A1.gif" >@<img src="16\_A2.gif" >@<img src="16\_A3.gif" >@<img src="16\_A4.gif" >@1000
17. <img src="17\_Q.gif" >@2/3,@3/2,@/=3/4@none of these@0100
18. <img src="18\_Q.gif" >@11/4,@4/11,@9/11,@7/11,@1000
19. The simplest form of 12/20 is@1/5,@2/5,@3/5,@4/5,@0010
20. The simplest form of 45/20 is @9/4,@4/9,@9/8,@2/9,@1000
21. Which of the following fractions is not equivalent to 1/3?@5/15,@6/18,@4/12,@7/20,@0001
22. Which of the following fractions is equivalent to 3/4?@ 6/11,@9/10,@15/20,@21/25,@0010
23. The equivalent fraction of 2/5 with numerator 4 is @4/10,@4/12,@4/16,@4/20,@1000
24. The equivalent fraction of 20/36 with denominator 9 is @4/9,@5/9,@7/9,@8/9,@0100
25. Which of the following pairs of fractions are equivalent?@ 1/2 , 2/4@1/3 , 3/7@2/5 , 4/9@4/7 , 8/13@1000
26. Which of the following pairs of fractions are not equivalent? @1/2 , 2/3@4/5 , 12/15@ 6/7 , 12/14@4/9 , 36/81@1000
27. Which of the following pairs of fractions are like fractions? @ 1/5 , 4/5@2/3 , 3/4@4/5 , 5/6@5/6 , 6/7@1000
28. Which of the following pairs of fractions are unlike fractions?@ 2/3 , 3/5@1/7 , 6/7@2/9 , 5/9@4/13 , 12/13@1000
29. Apala typed 50 pages of a book containing 100 pages. Meenu typed 25 pages of the same book. Who typed more? @Apala @Meenu @ Both@ and @@none of these@1000
30. 1/3 + 2/3 =@1@2@3@none of these@1000
31. 1/3 + 1/3 + 1/3 =@1@2@3@none of these@1000
32. 1/4 + 1/4 + 1/4 + 1/4 =@1@2@4@8@1000
33. 5/4 – 1/4 =@ 1@4@5@none of these@1000
34. 8/10 – 3/10 =@ 1/2@1/5@1/10@none of these@1000
35. 1 – 1/2 =@ 1/2@1@ – 1/2@1/4@1000
36. 0/1 + 0/1 =@0@1@-1@2@1000
37. 8/15 – ? = 7/15@1/15@2/15@4/15@7/15@1000
38. ? – 1/4 = 1/4@1/4@1/2@3/4@5/4@0100
39. ? + 2/7 = 5/7@1/7@ 2/7@3/7@4/7@0010
40. 25/7 – 15/5 =@3/4@4/7@1/2@7/4@0100
41. 1/2 – 1/4 =@ 1/4@ 1/2@ 1/8@1/3@1000
42. <img src="42\_Q.gif" >@1@2@3@4@0001
43. Apala bought 21/2 kg of potatoes whereas Meenu bought 11/2 kg of potatoes. Find the total amount of potatoes purchased by Apala and Meenu both.@1 kg@2 kg@3 kg@4 kg@0001
44. A teacher finished 3/4 of his course. How much course is left?@1/2@1/4@1/6@1/3@0100
45. Mamsh read 5/6 part of a book. Preeti read 1/6 part of that book. What more part was read by Manish?@ 2/3@ 1/6@ 5/6@none of these@1000
46. What is the fractional form of five eighteenths?@15/18@18/5@5/18@5.18@ 0010
47. What is the simplified form of the product 12/24 and 36/72@16/24@ 3/5@4@1/4@0001
48. Write the natural numbers from 102 to 113. What fraction of them are prime numbers?@1/3@1/2@1/4@None of these@1000
49. By how much is 19/20 greater than 2/20?@ 21/20@ 21/40@ 17/20@17/40@0010
50. What are the fractions with the same denominator called?@Unit fractions@Unlike fractions@Like fractions@Improper fractions@0010
51. Raju scored 9 marks in maths test. If the maximum marks of the test is 25, how is Raju's score represented as a fraction?@1/25@16/25@9/25@25/25@0010
52. Give a proper fraction whose numerator is 5 and denominator is 7.@7/5@5/7@3/7@None of these@0100
53. The simplest form of 16/72 is \_\_\_\_\_\_\_\_@ 2/9@1/4@ 1/2@None of these@1000
54. Which option gives an equivalent fraction of 13/25@65/50@ 26/75@156/300@103/205@0010
55. Which of these makes a whole?@One half@Two halves@3 halves@5 halves@0100
56. What is the fractional form of five eighteenths?@15/18@18/5@ 5.18@5/18@0001
57. What is increasing order of the fractions 14/17, 10/12, 6/7, 18/22?@ 6/7, 14/17, 10/12, 18/22@ 18/22, 14/17, 10/12 , 6/7@ 14/17, 10/12 , 6/7, 18/22@6/7, 10/12, 14/17, 18/22@0100
58. The simplest form of 15/75 is \_\_\_\_\_\_\_\_.@ 1/2@ 1/4@ 1/5@None of these@0010
59. What should be added to 11/17 to make it 15/17?@ 26/17@ 4@ 4/17@4/34@0010
60. How is the fractional number for "3 out of 7 of the fruits are apples" written?@3/7@7/3@4/7@4/3@1000
61. Which of the following fractions is the largest?@29/30@ 29/23@ 29/27@29/25@0100
62. A two-digit number is such that the product of the digits is 8. When 18 is added to the number, then the digits are reversed. The number is:@18@24@42@81@0100
63. What type of fraction is the sum 3/4 + 2/4?@ Proper fraction@Improper fraction@Mixed fraction@Unit fraction@0100
64. What do you call fractions with different denominators?@Like fractions@Unlike fractions@Proper fractions@Improper fractions@0100
65. A \_\_\_\_\_\_\_\_\_\_ is a number representing part of a whole.@ Decimal@ Proper fraction@ Fraction@None of these@0010
66. What fraction of an hour is 40 minutes?@1@1/3@ 2/3@None of these@0010
67. The identity (x+3)(x+4) = x<sup>²</sup> + 7x + 12 is true for@ Two values of x@ One value of x@All value of x@None of Above@0010
68. Which option gives an equivalent fraction of 13/25?@ 65/50@26/75@156/300@103/205@0010
69. What is the mixed fraction form of 41/12?@<img src="69\_A1.gif" ><img src="69\_A2.gif" ><img src="69\_A3.gif" >@<img src="69\_A4.gif" >@0010
70. What is the simplified form of the product 12/24and 36/72?@16/24@3/5@4@1/4@0001
71. Give an example for a proper fraction.@28/13@11/23@16/9@14/3@0100
72. What is the fractional form of five eighteenths?@15/18@18/5@5.18@5,18@0001
73. Which fraction represents the shaded part of? <img src="73\_Q.gif" >@3/2@<img src="73\_A2.gif" >@<img src="73\_A3.gif" >@<img src="73\_A4.gif" >@0010
74. What are the fractions with the same denominator called?@Unit fractions@Unlike fractions@Like fractions@Improper fractions@0010
75. Raju scored 9 marks in maths test. If the maximum marks of the test is 25, how is Raju's score represented as a fraction?@1/25@16/25@9/25@25/25@0010
76. Which of the following fractions is the largest?@29/30@29/23@29/27@29/25@0100
77. <img src="77\_Q.gif" >@<img src="77\_A1.gif" >@<img src="77\_A1.gif" ><img src="77\_A2.gif" >@<img src="77\_A3.gif" >@0@0010
78. What should be added to 11/17to make it 15/17?@ 26/17@4@4/17@4/34@0010
79. By how much is 19/20 greater than2/20?@ 21/20@21/40@17/20@17/40@0010
80. What do you call fractions with different denominators?@Like fractions@Unlike fractions@Proper fractions@ Improper fractions@0100
81. What type of fraction is the sum 3/4+2/4?@ Proper fraction@Improper fraction@Mixed fraction@Unit fraction@0100
82. Which of these makes a whole?@ One half@Two halves@3 halves@5 halves@0100
83. 2/5= ?/15, What number should replace thein the given equation?@ 2@3@5@6@0001
84. What are the fractions which have one as the numerator called?@Like fractions@Unlike fractions@Unit fractions@Proper fractions@0010
85. How is the fractional number for "3 out of 7 of the fruits are apples"written?@3/7@7/3@4/7@4/3@1000
86. Two fractions are equivalent if their cross multiplications are@0@1@equal@not equal@0010
87. Three people share an apple equally. What is the share of each?@1@One-third@Half@One-fourth@0100
88. What fraction of the children in the following group are girls?<br /><img src="88\_Q.gif" >@3/4@4/3@3/7@4/7@0010
89. What fraction of the fruits on the plate are apples?<br /><img src="89\_Q.gif" >@3/8@5/8@3/5@5/3@0100
90. Which is the equivalent fraction of 2/3 having denominator 18?<br /><img src="90\_Q.gif" >@ 2/18@18/3@12/18@12/27@0010
91. What is the sum of the shaded parts?@109@117@1118 @718 @1000
92. Between which numbers does 15/4 lie?@1 and 2@2 and 3@3 and 4@11 and 12@0010
93. What fraction does the unshaded part represent?<br /><img src="93\_Q.gif" >@ 1/4@3/4@4/13@4/12@0100
94. What should be placed in the empty space so that the sum of the fractions on each side of the triangle is same?<br /><img src="94\_Q.gif" >@ 7/15@9/15@6/15@8/15@0001
95. Direction: Look at the alphabets given in the box.<br /><img src="95\_Q.gif" ><br />What fraction of alphabets are made of 3 straight lines?@5/7@4/7@3/7@6/7@0100
96. Direction: Look at the alphabets given in the box<br /><img src="96\_Q.gif" ><br />What fraction of alphabets are made of semicircles and straight lines?@1/7@2/7@3/7@4/7@1000
97. Here is a collection of 6 shapes. What is the fraction of the shaded shapes?<br /><img src="97\_Q.gif" >@ 5/6@4/6@1/6@3/6@1000
98. What fraction of the candles on the cake is lit?<img src="98\_Q.gif" >@ 4/6@4/3@3/6@1/4@1000
99. In Krishna's flower garden, 1/7are white roses, 4/7 are red roses and the rest are yellow roses. What fraction of the roses are yellow?@1/7@2/7@3/7@4/7@0100
100. Gopal has a bag that contains 3 red, 1 blue, 6 green and 2 yellow marbles. What fraction of marbles is green? <img src="100\_Q.gif" >@ 1/12 @1/6@1/4@1/2@0001