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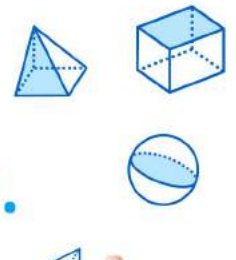

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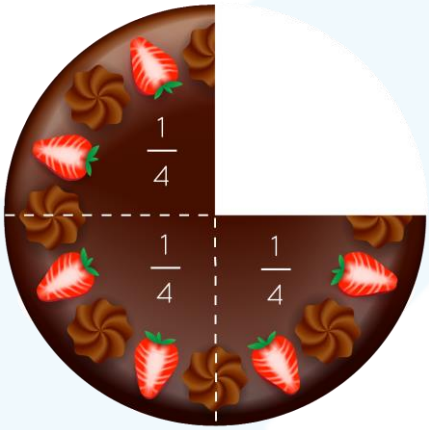
8TH GRADE FRACTIONS WORKSHEET

1. The value of 5 + 5/2 + 5/3 + 5/4 is equal to _____.
   (a) (5 x 4 + 5 x 3 + 5 x 2 + 5 x 1)/4 (b) 5(12 + 6 + 4 + 3)/12 (c) 5 x 23/12 (d) (4 x 5)/12

2. 3/4 of 28 = _____ .
   (a) 18 (b) 21 (c) 24 (d) 27



3. 16 ÷ 8/7 = _____
   (a) 12 (b) 14 (c) 16 (d) 18

4. 12/20 ÷ (4/3 + 4/5) = _____ .

5. In a fraction the numerator is 4 less than the denominator. If one is added to the numerator and the denominator the denominator of the resultant fraction is double the numerator. Find the fraction.
   (a) 7/11 (b) 5/9 (c) 3/7 (d) 8/11

6. A student was asked to multiply a number by 7/9 . Instead he divided it with 7/9 and got an answer 160 more than the correct answer. Find the number.

7. How many one fourths are there in 500?

8. Find a number such that $4/5^{th}$ of the number is 64.

9. In a colony of 450 members, 2/3 of the members are male members. Find the number of male members.

10. A man gave 1/5 of his salary for rent, and 1/4 of the remaining for the grocery bills. Find the amount of money still left with the man, if his salary was $10,000.

11. A man had $8000. He gave 1/4 of the money to his elder son, and 1/2 of the remaining to his younger son. Find the money given by the man to his younger son.

12. A student spends half of his scholarship money on the mess expenses, and two third of the remaining on his study material. Finally he is left with $80. Find the scholarship received by the student.

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- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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ANSWERS

1)	(b) 5(12 + 6 + 4 + 3)/12
2)	(b) 21
3)	(b) 14
4)	9/32
5)	(c) 3/7
6)	315

7)	2000
8)	80
9)	300
10)	$ 6000
11)	$ 3000
12)	$ 480