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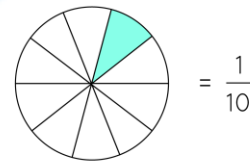
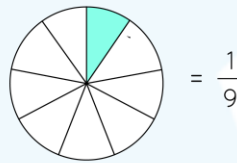
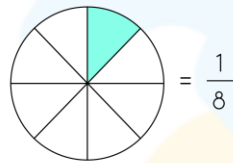
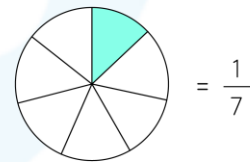
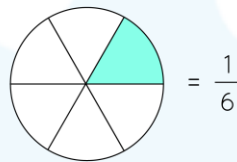
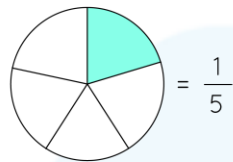
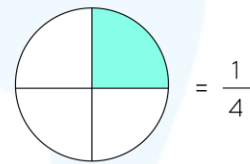
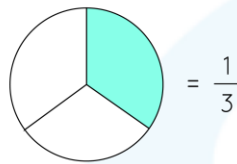
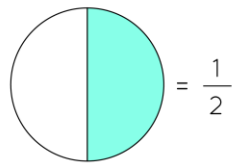
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8TH GRADE FRACTIONS WORKSHEET

1. $1/3 (2/3 \times 5/7) =$ _____
- (a) $1/3 + 2/3 \times 1/3 + 5/7$
 (b) $1/3 \times 2/3 + 1/3 \times 5/7$
 (c) $1/3 \times 2/3 \times 5/7$
 (d) $3/1 \times 2/3 \times 5/7$

2. $1/2$ of 24 = _____
- (a) 24×2 (b) $2/24$ (c) $24/2$ (d) $1/(2 \times 24)$



3. $4/9 \div 5$
- (a) $(4 \times 5) / 9 = 20/9$ (b) $9 / (4 \times 5) = 9/20$
 (c) $(9 \times 5) / 4 = 45 / 4$ (d) $4 / (9 \times 5) = 4/45$

4. $2 \frac{1}{5} \div 1 \frac{1}{5} - 1 =$ _____ .

5. What fraction must be subtracted from the sum of $1/4$ and $1/6$ to have an average of $1/12$ of all the three fractions?
- (a) $1/2$ (b) $1/3$ (c) $1/4$ (d) $1/6$ (e) $1/8$

6. Simplify: $3/4(4/7 + 2/3)$.

7. How many half's are there in 100?

8. Find a number such that $\frac{8}{7}$ of the number is equal to 96.
9. In a class of 28 students $\frac{4}{7}$ are boys. Find the number of girls in the class.



10. A man had \$8000. He gave $\frac{1}{4}$ of the money to his elder son, and $\frac{1}{2}$ of the remaining to his younger son. Find the money given by the man to his younger son.

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in an interesting way,
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"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- 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)	(c) $1/3 \times 2/3 \times 5/7$
2)	(c) $24/2$
3)	1. (d) $4 / (9 \times 5) = 4/45$
4)	05/06/21
5)	(d) $1/6$
6)	$13/14$

7)	200
8)	84
9)	12
10)	\$ 2000