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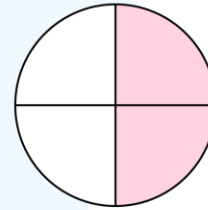
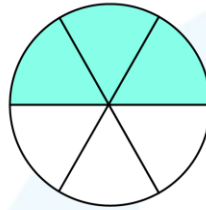
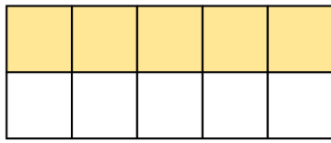
8TH GRADE FRACTIONS WORKSHEET

1. The value of $7 + 7/2 + 7/3 + 7/4$ is equal to

- (a) $\frac{7 \times 4 + 7 \times 3 + 7 \times 2 + 7 \times 1}{4 + 4 + 3} / 12$ (b) $7(12 + 6 + 4 + 3) / 12$
 (c) $7 \times 23 / 12$ (d) $(4 \times 7) / 12$

2. $1/2$ of $2 \frac{3}{4} =$ _____

- (a) $\frac{1}{2} + 11/4$ (b) $\frac{1}{2} \times 4/11$ (c) $\frac{1}{2}$
 (d) $\frac{1}{2} - 11/4$



3. $12 \div \frac{3}{4}$

- (a) $12 \times \frac{3}{4}$ (b) $12 \times 4/3$
 (c) $12/1 \times \frac{3}{4}$ (d) $1/12 \times 4/3$

4. $2/3 \div (7/6 + 3/4)$

- (a) $3/2 \times 23/12$ (b) $3/2 \times 23/12$
 (c) $2/3 \times 23/12$ (d) $2/3 \times 12/23$

5. $2/5 \times (-3/5) - 1/21 - 3/5 \times 4/7$



6. A student was asked to multiply a given number by $\frac{8}{17}$. Instead he divided the given number by $\frac{8}{17}$. His answer was 225 more than the correct answer. The given number was:
- (a) 8 (b) 17 (c) 64 (d) 136
7. The denominator of a fraction is three greater than the numerator. The sum of the numerator and denominator of the fraction is 29. Find the fraction.
8. Simplify $\frac{144}{100}$.
9. How many quarters are there in 200?
10. Find a number such that $\frac{4}{5}$ of the number is equal to 48.

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Why choose Cuemath?

"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."

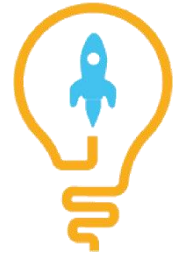
- Kirk Riley

"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)	(b) $7(12 + 6 + 4 + 3)/12$
2)	(c) $\frac{1}{2} \times 11/4$
3)	(b) $12 \times 4/3$
4)	(d) $2/3 \times 12/23$
5)	$-331/525$
6)	(d) 136

7)	$13/16$
8)	$36/25$
9)	800
10)	60