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8TH GRADE FRACTIONS WORKSHEET

1. $4/5 + 2/3 =$

(a) $(4 \times 1 + 2 \times 5)/15$

(c) $(5 \times 2 + 2 \times 4)/3$

(b) $(4 \times 3 + 2 \times 5)/15$

(d) $(4 \times 5 + 2 \times 3)/3$

2. $6/20 \times 4/3 \times 5/2 =$ _____

3. $5/8 \times 7/9 =$ _____

(a) $12/17$

(c) $(5 \times 7)/(8 \times 9)$

(b) $(5 \times 9 + 8 \times 7)/(8 \times 9)$

(d) $2/9$

4. $4/5 \div 3/7$

(a) $5/4 \times 7/3$

(c) $4/5 \times 7/3$

(d) $4 \times 7 - 5 \times 3$

(b) $4/5 \times 3/7$



5. In a fraction, the numerator is 5 less than the denominator. If 1 is deducted from both the numerator and the denominator the fraction becomes $1/2$. find the fraction.

(a) $3/8$

(b) $2/3$

(c) $8/13$

(d) $6/11$

6. The denominator is 5 greater than the numerator. If the sum of the numerator and the denominator is 13, find the fraction.

7. How many one thirds are there in 150?

8. Find a number such that $\frac{3}{4}$ of the number is equal to 36.
9. In a class of 60 students $\frac{2}{5}$ are girls. Find the number of boys in the class.
10. A man gave $\frac{1}{5}$ of his salary for rent, and $\frac{1}{4}$ of the remaining for the grocery bills. Find the amount of money still left with the man, if his salary was \$10,000.



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in an interesting way,
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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) $(4 \times 3 + 2 \times 5) / 15$
2)	1
3)	(c) $(5 \times 7) / (8 \times 9)$
4)	$4/5 \times 7/3$
5)	(d) $6/11$
6)	$4/9$

7)	450
8)	48
9)	36
10)	\$ 6000