

+, -, X, ÷ PRACTICE FRACTIONS QUIZ

NAME: Key

7th Grade Math

**For 1-12, show all of your work to receive full credit.
REDUCE your final answer.**

1. $\frac{1}{4} + \frac{-2}{3}$

$$\frac{3}{12} + \frac{-8}{12}$$

$$\frac{-5}{12}$$

#1 answer: _____

2. $\frac{-1}{2} \cdot \frac{-3}{8}$

$$\frac{3}{16}$$

#2 answer: _____

3. $\frac{-2}{5} - \frac{-1}{10}$

$$\frac{-4}{10} + \frac{1}{10}$$

$$-\frac{3}{10}$$

#3 answer: _____

4. $\frac{-1}{6} \div \frac{-3}{4}$

$$\frac{-1}{6} \cdot \frac{-4}{3}$$
$$\frac{1}{36} \cdot \frac{4}{3}$$

$$\frac{2}{9}$$

#4 answer: _____

5. $4\frac{1}{8} + 2\frac{3}{4}$

$$\frac{33}{8} + \frac{11}{4}$$

$$\frac{33}{8} + \frac{22}{8}$$

$$\frac{55}{8} = 6\frac{7}{8}$$

#5 answer: _____

6. $3\frac{2}{8} \div \frac{3}{4}$

$$\frac{26}{8} \div \frac{3}{4}$$
$$\frac{13}{4} \cdot \frac{4}{3}$$

$$\frac{13}{3} = 4\frac{1}{3}$$

#6 answer: _____

7. $-5\frac{5}{12} - 3\frac{7}{8}$

$$\frac{-65}{12} + \frac{-31}{8}$$

$$\frac{-130}{24} + \frac{-93}{24}$$

#7 answer: $\underline{\underline{\frac{-223}{24} = -9\frac{7}{24}}}$

8. $6 \cdot 3\frac{4}{7}$

$$\frac{6}{1} \cdot \frac{25}{7}$$

#8 answer: $\underline{\underline{\frac{150}{7} = 21\frac{3}{7}}}$

9. $3\frac{2}{3} + 1\frac{3}{4}$

$$\frac{11}{3} + \frac{7}{4}$$

$$\frac{44}{12} + \frac{21}{12}$$

#9 answer: $\underline{\underline{\frac{65}{12} = 5\frac{5}{12}}}$

10. $6 - 3\frac{4}{7}$

$$\frac{6}{1} + \frac{-25}{7}$$

$$\frac{42}{7} + \frac{-25}{7}$$

#10 answer: $\underline{\underline{\frac{17}{7} = 2\frac{3}{7}}}$

11. $6\frac{1}{2} \cdot 2\frac{1}{3}$

$$\frac{13}{2} \cdot \frac{7}{3}$$

#11 answer: $\underline{\underline{\frac{91}{6} = 15\frac{1}{6}}}$

12. $6\frac{1}{2} \div 2\frac{1}{3}$

$$\frac{13}{2} \div \frac{7}{3}$$

$$\frac{13}{2} \cdot \frac{3}{7}$$

#12 answer: $\underline{\underline{\frac{39}{14} = 2\frac{11}{14}}}$