

Adding Mixed Numbers and Fractions

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. Convert $2 \frac{1}{3}$ to an improper fraction.

2. Convert $1 \frac{2}{5}$ to an improper fraction.

3. Sarah has $1 \frac{1}{2}$ cups of flour and needs $\frac{2}{3}$ cup more. How much flour does she have in total?

4. A recipe calls for $3 \frac{1}{4}$ cups of sugar, but you only have $1 \frac{3}{8}$ cups. How much more sugar do you need?

5. Add $\frac{1}{4} + \frac{1}{3}$. What is the answer?

6. Add $\frac{2}{5} + \frac{1}{2}$. What is the answer?

7. Tom ran $3 \frac{2}{5}$ miles on Saturday and $1 \frac{3}{10}$ miles on Sunday. How far did he run in total?

8. Add $2 \frac{1}{6} + 3 \frac{2}{3}$. Convert to an improper fraction first.

9. Emily has $2 \frac{1}{4}$ yards of fabric, and she buys $1 \frac{2}{3}$ yards more. How much fabric does she have now?

10. $1 \frac{1}{2} + 2 \frac{2}{3} = 4 \frac{1}{6}$

True False

11. If you have $4 \frac{3}{8}$ liters of juice and pour out $1 \frac{1}{2}$ liters, how much juice do you have left?

12. Circle the greater number: $2 \frac{1}{5}$ or $\frac{8}{8}$:

4 or 2

13. What is $3 \frac{1}{2} + 1 \frac{2}{5}$ when converted to an improper fraction?

14. Add $\frac{5}{6} + \frac{1}{2}$. What is the answer?

15. Add $1 \frac{3}{4} + 2 \frac{1}{2}$. Convert to an improper fraction first.

Answer Key

1. $7/3$ 2. $7/5$ 3. $2\ 1/6$ 4. $1\ 7/8$ 5. $7/12$ 6. $9/10$ 7. $4\ 1/15$ 8. $5\ 1/2$ 9. $3\ 11/12$ 10. True 11. $2\ 7/8$ 12. $2\ 5/8$ 13. $19/10$ 14. $4/3$ 15. $4\ 1/4$
