

Mixed Numbers: Practice

Name: _____

A. Write each improper fraction as a mixed number.

1. $\frac{5}{2} = \square \frac{\square}{\square}$ 2. $\frac{7}{3} = \square \frac{\square}{\square}$ 3. $\frac{9}{5} = \square \frac{\square}{\square}$ 4. $\frac{11}{4} = \square \frac{\square}{\square}$
5. $\frac{13}{6} = \square \frac{\square}{\square}$ 6. $\frac{17}{8} = \square \frac{\square}{\square}$ 7. $\frac{14}{3} = \square \frac{\square}{\square}$ 8. $\frac{23}{10} = \square \frac{\square}{\square}$

B. Write each mixed number as an improper fraction.

9. $1 \frac{1}{2} = \frac{\square}{\square}$ 10. $2 \frac{2}{3} = \frac{\square}{\square}$ 11. $1 \frac{4}{5} = \frac{\square}{\square}$ 12. $3 \frac{1}{4} = \frac{\square}{\square}$
13. $2 \frac{5}{6} = \frac{\square}{\square}$ 14. $4 \frac{3}{8} = \frac{\square}{\square}$ 15. $5 \frac{2}{3} = \frac{\square}{\square}$ 16. $3 \frac{7}{10} = \frac{\square}{\square}$

C. Write each one as a whole number or a mixed number. Be careful: some have no remainder.

17. $\frac{6}{3} = \underline{\hspace{2cm}}$ 18. $\frac{9}{2} = \underline{\hspace{2cm}}$ 19. $\frac{12}{4} = \underline{\hspace{2cm}}$ 20. $\frac{15}{5} = \underline{\hspace{2cm}}$

D. Each pizza is cut into 8 slices. The class ate 19 slices. Write the amount of pizza they ate as an improper fraction and as a mixed number.

E. Kai changed $2\frac{1}{4}$ into $\frac{3}{4}$ by adding $2 + 1$. What did Kai do wrong? What is the right answer?

Mixed Numbers: Practice Answer Key

A. Write each improper fraction as a mixed number.

1. $\frac{5}{2} = 2\frac{1}{2}$ 2. $\frac{7}{3} = 2\frac{1}{3}$ 3. $\frac{9}{5} = 1\frac{4}{5}$ 4. $\frac{11}{4} = 2\frac{3}{4}$
5. $\frac{13}{6} = 2\frac{1}{6}$ 6. $\frac{17}{8} = 2\frac{1}{8}$ 7. $\frac{14}{3} = 4\frac{2}{3}$ 8. $\frac{23}{10} = 2\frac{3}{10}$

B. Write each mixed number as an improper fraction.

9. $1\frac{1}{2} = \frac{3}{2}$ 10. $2\frac{2}{3} = \frac{8}{3}$ 11. $1\frac{4}{5} = \frac{9}{5}$ 12. $3\frac{1}{4} = \frac{13}{4}$
13. $2\frac{5}{6} = \frac{17}{6}$ 14. $4\frac{3}{8} = \frac{35}{8}$ 15. $5\frac{2}{3} = \frac{17}{3}$ 16. $3\frac{7}{10} = \frac{37}{10}$

C. Write each one as a whole number or a mixed number. Be careful: some have no remainder.

17. $\frac{6}{3} = 2$ 18. $\frac{9}{2} = 4\frac{1}{2}$ 19. $\frac{12}{4} = 3$ 20. $\frac{15}{5} = 3$

D. Each pizza is cut into 8 slices. The class ate 19 slices. Write the amount of pizza they ate as an improper fraction and as a mixed number.

$\frac{19}{8}$ of a pizza, which is $2\frac{3}{8}$ pizzas. $19 \div 8 = 2$ remainder 3.

E. Kai changed $2\frac{1}{4}$ into $\frac{3}{4}$ by adding $2 + 1$. What did Kai do wrong? What is the right answer?

Kai added the whole number to the top without turning the wholes into fourths first. Each whole is 4 fourths, so 2 wholes are 8 fourths. $8 + 1 = 9$, so $2\frac{1}{4} = \frac{9}{4}$.