

Improper Fractions and Mixed Numbers - ANSWER KEY

Grade 4 | Converting between improper fractions and mixed numbers | Version 1 of 10

Rewrite each number. A mixed number has a whole number and a fraction, such as $2 \frac{3}{4}$. Keep the same denominator.

Part A: Write each improper fraction as a mixed number.

1. $13/2 =$ $6 \frac{1}{2}$ 2. $41/6 =$ $6 \frac{5}{6}$

3. $73/12 =$ $6 \frac{1}{12}$ 4. $55/12 =$ $4 \frac{7}{12}$

5. $31/4 =$ $7 \frac{3}{4}$ 6. $83/12 =$ $6 \frac{11}{12}$

7. $7/6 =$ $1 \frac{1}{6}$ 8. $27/4 =$ $6 \frac{3}{4}$

9. $29/5 =$ $5 \frac{4}{5}$ 10. $29/6 =$ $4 \frac{5}{6}$

Part B: Write each mixed number as an improper fraction.

11. $6 \frac{1}{2} =$ $13/2$ 12. $3 \frac{3}{10} =$ $33/10$

13. $4 \frac{1}{3} =$ $13/3$ 14. $3 \frac{7}{8} =$ $31/8$

15. $7 \frac{1}{2} =$ $15/2$ 16. $6 \frac{3}{10} =$ $63/10$

17. $3 \frac{2}{3} =$ $11/3$ 18. $6 \frac{11}{12} =$ $83/12$

19. $1 \frac{1}{3} =$ $4/3$ 20. $5 \frac{1}{10} =$ $51/10$

Improper Fractions and Mixed Numbers - ANSWER KEY

Grade 4 | Converting between improper fractions and mixed numbers | Version 2 of 10

Rewrite each number. A mixed number has a whole number and a fraction, such as $2 \frac{3}{4}$. Keep the same denominator.

Part A: Write each improper fraction as a mixed number.

1. $51/10 =$ $5 \frac{1}{10}$ 2. $71/12 =$ $5 \frac{11}{12}$

3. $17/4 =$ $4 \frac{1}{4}$ 4. $15/2 =$ $7 \frac{1}{2}$

5. $11/3 =$ $3 \frac{2}{3}$ 6. $13/10 =$ $1 \frac{3}{10}$

7. $10/3 =$ $3 \frac{1}{3}$ 8. $21/10 =$ $2 \frac{1}{10}$

9. $11/2 =$ $5 \frac{1}{2}$ 10. $28/5 =$ $5 \frac{3}{5}$

Part B: Write each mixed number as an improper fraction.

11. $4 \frac{3}{4} =$ $19/4$ 12. $1 \frac{2}{5} =$ $7/5$

13. $2 \frac{7}{8} =$ $23/8$ 14. $6 \frac{5}{8} =$ $53/8$

15. $5 \frac{11}{12} =$ $71/12$ 16. $3 \frac{1}{12} =$ $37/12$

17. $7 \frac{7}{10} =$ $77/10$ 18. $7 \frac{5}{8} =$ $61/8$

19. $7 \frac{3}{4} =$ $31/4$ 20. $1 \frac{1}{10} =$ $11/10$

Improper Fractions and Mixed Numbers - ANSWER KEY

Grade 4 | Converting between improper fractions and mixed numbers | Version 3 of 10

Rewrite each number. A mixed number has a whole number and a fraction, such as $2 \frac{3}{4}$. Keep the same denominator.

Part A: Write each improper fraction as a mixed number.

1. $\frac{39}{10} = \underline{3 \frac{9}{10}}$ 2. $\frac{49}{8} = \underline{6 \frac{1}{8}}$

3. $\frac{63}{8} = \underline{7 \frac{7}{8}}$ 4. $\frac{45}{8} = \underline{5 \frac{5}{8}}$

5. $\frac{8}{3} = \underline{2 \frac{2}{3}}$ 6. $\frac{33}{5} = \underline{6 \frac{3}{5}}$

7. $\frac{61}{10} = \underline{6 \frac{1}{10}}$ 8. $\frac{37}{10} = \underline{3 \frac{7}{10}}$

9. $\frac{17}{3} = \underline{5 \frac{2}{3}}$ 10. $\frac{25}{12} = \underline{2 \frac{1}{12}}$

Part B: Write each mixed number as an improper fraction.

11. $3 \frac{1}{10} = \underline{\frac{31}{10}}$ 12. $6 \frac{1}{8} = \underline{\frac{49}{8}}$

13. $1 \frac{3}{4} = \underline{\frac{7}{4}}$ 14. $2 \frac{4}{5} = \underline{\frac{14}{5}}$

15. $1 \frac{1}{4} = \underline{\frac{5}{4}}$ 16. $7 \frac{1}{3} = \underline{\frac{22}{3}}$

17. $4 \frac{9}{10} = \underline{\frac{49}{10}}$ 18. $7 \frac{11}{12} = \underline{\frac{95}{12}}$

19. $2 \frac{7}{12} = \underline{\frac{31}{12}}$ 20. $1 \frac{3}{5} = \underline{\frac{8}{5}}$

Improper Fractions and Mixed Numbers - ANSWER KEY

Grade 4 | Converting between improper fractions and mixed numbers | Version 4 of 10

Rewrite each number. A mixed number has a whole number and a fraction, such as $2 \frac{3}{4}$. Keep the same denominator.

Part A: Write each improper fraction as a mixed number.

1. $\frac{24}{5} = \underline{4 \frac{4}{5}}$ 2. $\frac{5}{4} = \underline{1 \frac{1}{4}}$

3. $\frac{31}{12} = \underline{2 \frac{7}{12}}$ 4. $\frac{53}{8} = \underline{6 \frac{5}{8}}$

5. $\frac{17}{5} = \underline{3 \frac{2}{5}}$ 6. $\frac{43}{10} = \underline{4 \frac{3}{10}}$

7. $\frac{11}{6} = \underline{1 \frac{5}{6}}$ 8. $\frac{41}{8} = \underline{5 \frac{1}{8}}$

9. $\frac{35}{8} = \underline{4 \frac{3}{8}}$ 10. $\frac{29}{4} = \underline{7 \frac{1}{4}}$

Part B: Write each mixed number as an improper fraction.

11. $5 \frac{1}{2} = \underline{\frac{11}{2}}$ 12. $3 \frac{3}{8} = \underline{\frac{27}{8}}$

13. $5 \frac{1}{4} = \underline{\frac{21}{4}}$ 14. $3 \frac{5}{8} = \underline{\frac{29}{8}}$

15. $5 \frac{7}{12} = \underline{\frac{67}{12}}$ 16. $3 \frac{2}{5} = \underline{\frac{17}{5}}$

17. $1 \frac{1}{2} = \underline{\frac{3}{2}}$ 18. $1 \frac{5}{6} = \underline{\frac{11}{6}}$

19. $5 \frac{3}{4} = \underline{\frac{23}{4}}$ 20. $6 \frac{1}{4} = \underline{\frac{25}{4}}$

Improper Fractions and Mixed Numbers - ANSWER KEY

Grade 4 | Converting between improper fractions and mixed numbers | Version 5 of 10

Rewrite each number. A mixed number has a whole number and a fraction, such as $2\frac{3}{4}$. Keep the same denominator.

Part A: Write each improper fraction as a mixed number.

1. $\frac{49}{10} = \underline{4\frac{9}{10}}$ 2. $\frac{7}{5} = \underline{1\frac{2}{5}}$

3. $\frac{31}{6} = \underline{5\frac{1}{6}}$ 4. $\frac{5}{2} = \underline{2\frac{1}{2}}$

5. $\frac{47}{12} = \underline{3\frac{11}{12}}$ 6. $\frac{19}{6} = \underline{3\frac{1}{6}}$

7. $\frac{7}{2} = \underline{3\frac{1}{2}}$ 8. $\frac{14}{3} = \underline{4\frac{2}{3}}$

9. $\frac{22}{5} = \underline{4\frac{2}{5}}$ 10. $\frac{7}{4} = \underline{1\frac{3}{4}}$

Part B: Write each mixed number as an improper fraction.

11. $7\frac{2}{3} = \underline{\frac{23}{3}}$ 12. $6\frac{2}{3} = \underline{\frac{20}{3}}$

13. $1\frac{1}{8} = \underline{\frac{9}{8}}$ 14. $1\frac{1}{6} = \underline{\frac{7}{6}}$

15. $5\frac{1}{8} = \underline{\frac{41}{8}}$ 16. $2\frac{3}{8} = \underline{\frac{19}{8}}$

17. $7\frac{1}{6} = \underline{\frac{43}{6}}$ 18. $7\frac{4}{5} = \underline{\frac{39}{5}}$

19. $5\frac{2}{3} = \underline{\frac{17}{3}}$ 20. $4\frac{1}{6} = \underline{\frac{25}{6}}$

Improper Fractions and Mixed Numbers - ANSWER KEY

Grade 4 | Converting between improper fractions and mixed numbers | Version 6 of 10

Rewrite each number. A mixed number has a whole number and a fraction, such as $2 \frac{3}{4}$. Keep the same denominator.

Part A: Write each improper fraction as a mixed number.

1. $21/4 = \underline{5 \frac{1}{4}}$ 2. $31/10 = \underline{3 \frac{1}{10}}$

3. $25/8 = \underline{3 \frac{1}{8}}$ 4. $13/3 = \underline{4 \frac{1}{3}}$

5. $53/10 = \underline{5 \frac{3}{10}}$ 6. $73/10 = \underline{7 \frac{3}{10}}$

7. $47/6 = \underline{7 \frac{5}{6}}$ 8. $27/8 = \underline{3 \frac{3}{8}}$

9. $37/12 = \underline{3 \frac{1}{12}}$ 10. $3/2 = \underline{1 \frac{1}{2}}$

Part B: Write each mixed number as an improper fraction.

11. $4 \frac{2}{5} = \underline{22/5}$ 12. $2 \frac{1}{2} = \underline{5/2}$

13. $2 \frac{3}{4} = \underline{11/4}$ 14. $2 \frac{2}{5} = \underline{12/5}$

15. $4 \frac{1}{10} = \underline{41/10}$ 16. $4 \frac{5}{8} = \underline{37/8}$

17. $5 \frac{5}{12} = \underline{65/12}$ 18. $4 \frac{4}{5} = \underline{24/5}$

19. $6 \frac{3}{4} = \underline{27/4}$ 20. $2 \frac{1}{5} = \underline{11/5}$

Improper Fractions and Mixed Numbers - ANSWER KEY

Grade 4 | Converting between improper fractions and mixed numbers | Version 7 of 10

Rewrite each number. A mixed number has a whole number and a fraction, such as $2\frac{3}{4}$. Keep the same denominator.

Part A: Write each improper fraction as a mixed number.

1. $8/5 = 1\frac{3}{5}$ 2. $9/2 = 4\frac{1}{2}$

3. $26/5 = 5\frac{1}{5}$ 4. $65/12 = 5\frac{5}{12}$

5. $11/8 = 1\frac{3}{8}$ 6. $17/6 = 2\frac{5}{6}$

7. $71/10 = 7\frac{1}{10}$ 8. $33/10 = 3\frac{3}{10}$

9. $17/12 = 1\frac{5}{12}$ 10. $13/8 = 1\frac{5}{8}$

Part B: Write each mixed number as an improper fraction.

11. $7\frac{1}{12} = \frac{85}{12}$ 12. $5\frac{5}{6} = \frac{35}{6}$

13. $7\frac{1}{8} = \frac{57}{8}$ 14. $1\frac{1}{12} = \frac{13}{12}$

15. $3\frac{1}{4} = \frac{13}{4}$ 16. $3\frac{3}{4} = \frac{15}{4}$

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

19. $6\frac{3}{5} = \frac{33}{5}$ 20. $2\frac{1}{3} = \frac{7}{3}$

Improper Fractions and Mixed Numbers - ANSWER KEY

Grade 4 | Converting between improper fractions and mixed numbers | Version 8 of 10

Rewrite each number. A mixed number has a whole number and a fraction, such as $2\frac{3}{4}$. Keep the same denominator.

Part A: Write each improper fraction as a mixed number.

1. $19/4 = 4\frac{3}{4}$ 2. $23/6 = 3\frac{5}{6}$

3. $77/12 = 6\frac{5}{12}$ 4. $4/3 = 1\frac{1}{3}$

5. $95/12 = 7\frac{11}{12}$ 6. $59/12 = 4\frac{11}{12}$

7. $19/12 = 1\frac{7}{12}$ 8. $29/8 = 3\frac{5}{8}$

9. $91/12 = 7\frac{7}{12}$ 10. $37/6 = 6\frac{1}{6}$

Part B: Write each mixed number as an improper fraction.

11. $2\frac{1}{4} = 9/4$ 12. $2\frac{1}{8} = 17/8$

13. $2\frac{9}{10} = 29/10$ 14. $3\frac{1}{5} = 16/5$

15. $5\frac{2}{5} = 27/5$ 16. $1\frac{4}{5} = 9/5$

17. $2\frac{5}{6} = 17/6$ 18. $3\frac{1}{2} = 7/2$

19. $4\frac{5}{12} = 53/12$ 20. $5\frac{7}{10} = 57/10$

Improper Fractions and Mixed Numbers - ANSWER KEY

Grade 4 | Converting between improper fractions and mixed numbers | Version 9 of 10

Rewrite each number. A mixed number has a whole number and a fraction, such as $2 \frac{3}{4}$. Keep the same denominator.

Part A: Write each improper fraction as a mixed number.

1. $11/4 = 2 \frac{3}{4}$ 2. $49/12 = 4 \frac{1}{12}$

3. $43/6 = 7 \frac{1}{6}$ 4. $79/12 = 6 \frac{7}{12}$

5. $21/5 = 4 \frac{1}{5}$ 6. $35/12 = 2 \frac{11}{12}$

7. $23/4 = 5 \frac{3}{4}$ 8. $16/3 = 5 \frac{1}{3}$

9. $9/4 = 2 \frac{1}{4}$ 10. $15/8 = 1 \frac{7}{8}$

Part B: Write each mixed number as an improper fraction.

11. $3 \frac{5}{6} = \frac{23}{6}$ 12. $3 \frac{11}{12} = \frac{47}{12}$

13. $2 \frac{3}{5} = \frac{13}{5}$ 14. $1 \frac{7}{10} = \frac{17}{10}$

15. $6 \frac{1}{10} = \frac{61}{10}$ 16. $1 \frac{7}{8} = \frac{15}{8}$

17. $5 \frac{4}{5} = \frac{29}{5}$ 18. $5 \frac{5}{8} = \frac{45}{8}$

19. $4 \frac{11}{12} = \frac{59}{12}$ 20. $7 \frac{1}{10} = \frac{71}{10}$

Improper Fractions and Mixed Numbers - ANSWER KEY

Grade 4 | Converting between improper fractions and mixed numbers | Version 10 of 10

Rewrite each number. A mixed number has a whole number and a fraction, such as $2 \frac{3}{4}$. Keep the same denominator.

Part A: Write each improper fraction as a mixed number.

1. $11/5 = 2 \frac{1}{5}$ 2. $67/12 = 5 \frac{7}{12}$

3. $43/12 = 3 \frac{7}{12}$ 4. $6/5 = 1 \frac{1}{5}$

5. $25/4 = 6 \frac{1}{4}$ 6. $5/3 = 1 \frac{2}{3}$

7. $43/8 = 5 \frac{3}{8}$ 8. $35/6 = 5 \frac{5}{6}$

9. $61/8 = 7 \frac{5}{8}$ 10. $23/10 = 2 \frac{3}{10}$

Part B: Write each mixed number as an improper fraction.

11. $5 \frac{1}{6} = \frac{31}{6}$ 12. $3 \frac{7}{12} = \frac{43}{12}$

13. $1 \frac{11}{12} = \frac{23}{12}$ 14. $5 \frac{7}{8} = \frac{47}{8}$

15. $2 \frac{5}{12} = \frac{29}{12}$ 16. $7 \frac{5}{12} = \frac{89}{12}$

17. $7 \frac{2}{5} = \frac{37}{5}$ 18. $3 \frac{5}{12} = \frac{41}{12}$

19. $6 \frac{5}{12} = \frac{77}{12}$ 20. $3 \frac{3}{5} = \frac{18}{5}$