Grade 5 Fractions Worksheets: Printable Practice and Answer Keys

Easy Practice Problems

Solve each problem. Simplify each answer.

Questions 1–10

Q1. $\frac{1}{4} + \frac{1}{4} =$ _____

Q2. $\frac{1}{3} - \frac{1}{6} =$ _____

Q3. $\frac{2}{5} + \frac{1}{5} =$ _____

Q4. $\frac{3}{8} - \frac{1}{8} =$ _____

Q5. $\frac{1}{2} + \frac{1}{4} =$ _____

Q6. $\frac{2}{3} - \frac{1}{3} =$ _____

Q7. $\frac{1}{6} + \frac{1}{2} =$ _____

Q8. $\frac{3}{10} - \frac{2}{10} =$ _____

Q9. $\frac{1}{4} + \frac{1}{8} =$ _____

Q10. $\frac{3}{7} - \frac{2}{7} =$ _____

Questions 11–20

Q11. $\frac{5}{8} + \frac{1}{8} =$ _____

Q12. $\frac{3}{5} - \frac{1}{5} =$ _____

Q13. $\frac{1}{9} + \frac{4}{9} =$ _____

Q14. $\frac{2}{6} - \frac{1}{6} =$ _____

Q15. $\frac{3}{4} + \frac{1}{8} =$ _____

Q16. $\frac{1}{5} - \frac{2}{10} =$ _____

Q17. $\frac{2}{9} + \frac{1}{3} =$ _____

Q18. $\frac{3}{7} - \frac{2}{7} =$ _____

Q19. $\frac{1}{8} + \frac{3}{8} =$ _____

Q20. $\frac{4}{10} - \frac{1}{5} =$ _____

Questions 21–30

Q21. $\frac{5}{6} + \frac{1}{6} =$ _____

Q22. $\frac{2}{8} - \frac{1}{4} =$ _____

Q23. $\frac{3}{9} + \frac{2}{3} =$ _____

Q24. $\frac{4}{10} - \frac{1}{10} =$ _____

Q25. $\frac{2}{4} + \frac{1}{8} =$ _____

Q26. $\frac{3}{6} - \frac{1}{12} =$ _____

Q27. $\frac{4}{5} + \frac{1}{5} =$ _____

Q28. $\frac{5}{12} - \frac{1}{12} =$ _____

Q29. $\frac{2}{3} + \frac{1}{6} =$ _____

Q30. $\frac{3}{8} - \frac{1}{4} =$ _____

Medium Practice Problems

Find each sum or difference. Write answers in simplest form.

Questions 1–10

Q1. $\frac{1}{3} + \frac{1}{2} =$ _____

Q2. $\frac{5}{6} - \frac{1}{2} =$ _____

Q3. $\frac{3}{5} + \frac{8}{9} =$ _____

Q4. $\frac{2}{3} + \frac{1}{2} =$ _____

Q5. $\frac{2}{3} - \frac{5}{8} =$ _____

Q6. $\frac{3}{5} + \frac{1}{9} =$ _____

Q7. $\frac{1}{3} + \frac{1}{2} =$ _____

Q8. $\frac{1}{2} - \frac{1}{2} =$ _____

Q9. $\frac{1}{5} + \frac{2}{9} =$ _____

Q10. $\frac{5}{6} + \frac{1}{2} =$ _____

Questions 11–20

Q11. $\frac{1}{2} - \frac{1}{3} =$ _____

Q12. $\frac{3}{10} + \frac{1}{3} =$ _____

Q13. $\frac{1}{3} + \frac{1}{2} =$ _____

Q14. $\frac{1}{2} - \frac{1}{6} =$ _____

Q15. $\frac{3}{5} + \frac{4}{9} =$ _____

Q16. $\frac{1}{6} + \frac{1}{2} =$ _____

Q17. $\frac{5}{6} - \frac{3}{8} =$ _____

Q18. $\frac{9}{10} + \frac{5}{9} =$ _____

Q19. $\frac{1}{3} + \frac{1}{2} =$ _____

Q20. $\frac{2}{3} - \frac{1}{2} =$ _____

Questions 21–30

Q21. $\frac{1}{5} + \frac{2}{3} =$ _____

Q22. $\frac{1}{3} + \frac{1}{2} =$ _____

Q23. $\frac{1}{2} - \frac{1}{4} =$ _____

Q24. $\frac{3}{5} + \frac{7}{9} =$ _____

Q25. $\frac{1}{3} + \frac{1}{2} =$ _____

Q26. $\frac{1}{2} - \frac{1}{3} =$ _____

Q27. $\frac{3}{5} + \frac{8}{9} =$ _____

Q28. $\frac{1}{2} + \frac{1}{2} =$ _____

Q29. $\frac{1}{6} - \frac{1}{8} =$ _____

Q30. $\frac{3}{10} + \frac{1}{9} =$ _____

Advanced Practice Problems

Solve. Show equivalent fractions or an equation when useful.

Questions 1–10

Q1. $\frac{1}{3} + \frac{1}{4} - \frac{1}{5} =$ _____

Q2. $\frac{1}{2} \times \frac{3}{5} =$ _____

Q3. $\frac{1}{4} \div 4 =$ _____

Q4. $\frac{2}{3} + \frac{2}{7} - \frac{1}{8} =$ _____

Q5. $\frac{1}{7} \times 1 =$ _____

Q6. $7 \div \frac{1}{7} =$ _____

Q7. $\frac{3}{4} + \frac{1}{2} - \frac{1}{6} =$ _____

Q8. $\frac{4}{5} \times \frac{5}{7}$ = _____

Q9. $\frac{1}{4} \div 3$ = _____

Q10. $\frac{2}{7} + \frac{4}{5} - \frac{1}{9}$ = _____

Questions 11–20

Q11. $1 \times \frac{1}{6}$ = _____

Q12. $6 \div \frac{1}{7}$ = _____

Q13. $\frac{1}{5} + 1\frac{1}{4} - \frac{1}{7}$ = _____

Q14. $\frac{1}{3} \times \frac{2}{5}$ = _____

Q15. $\frac{1}{4} \div 2$ = _____

Q16. $1\frac{1}{3} + \frac{1}{7} - \frac{1}{5}$ = _____

Q17. $\frac{1}{4} \times \frac{3}{4}$ = _____

Q18. $5 \div \frac{1}{7}$ = _____

Q19. $\frac{1}{2} + \frac{1}{3} - \frac{1}{8}$ = _____

Q20. $\frac{4}{7} \times \frac{4}{7}$ = _____

Questions 21–30

Q21. $\frac{1}{4} \div 8$ = _____

Q22. $\frac{1}{2} + \frac{3}{5} - \frac{1}{6}$ = _____

Q23. $\frac{3}{5} \times \frac{5}{6}$ = _____

Q24. $4 \div \frac{1}{7}$ = _____

Q25. $\frac{1}{7} + 1 - \frac{1}{9}$ = _____

Q26. $\frac{2}{3} \times \frac{1}{5} =$ _____

Q27. $\frac{1}{4} \div 7 =$ _____

Q28. $\frac{4}{5} + \frac{5}{7} - \frac{1}{7} =$ _____

Q29. $\frac{1}{6} \times \frac{1}{2} =$ _____

Q30. $3 \div \frac{1}{7} =$ _____

Mixed Practice Problems

Choose the correct operation and simplify your answer.

Questions 1–10

Q1. $\frac{1}{3} + \frac{1}{4} =$ _____

Q2. $\frac{3}{5} - \frac{1}{2} =$ _____

Q3. $\frac{3}{5} \times \frac{1}{6} =$ _____

Q4. $5 \div \frac{1}{5} =$ _____

Q5. $\frac{1}{6} \div 6 =$ _____

Q6. $\frac{2}{3} + \frac{3}{5} =$ _____

Q7. $\frac{3}{4} - \frac{1}{6} =$ _____

Q8. $\frac{4}{5} \times \frac{3}{7} =$ _____

Q9. $4 \div \frac{1}{5} =$ _____

Q10. $\frac{1}{6} \div 5 =$ _____

Questions 11–20

Q11. $1 + \frac{1}{6} =$ _____

Q12. $1 - \frac{3}{7} =$ _____

Q13. $\frac{1}{5} \times \frac{1}{4} =$ _____

Q14. $3 \div \frac{1}{5} =$ _____

Q15. $\frac{1}{6} \div 4 =$ _____

Q16. $1\frac{1}{3} + \frac{3}{7} =$ _____

Q17. $\frac{1}{4} - \frac{1}{4} =$ _____

Q18. $\frac{2}{5} \times \frac{3}{5} =$ _____

Q19. $2 \div \frac{1}{5} =$ _____

Q20. $\frac{1}{6} \div 3 =$ _____

Questions 21–30

Q21. $\frac{1}{3} + \frac{1}{4} =$ _____

Q22. $\frac{3}{5} - \frac{1}{2} =$ _____

Q23. $\frac{3}{5} \times \frac{1}{6} =$ _____

Q24. $7 \div \frac{1}{5} =$ _____

Q25. $\frac{1}{6} \div 2 =$ _____

Q26. $\frac{2}{3} + \frac{3}{5} =$ _____

Q27. $\frac{3}{4} - \frac{1}{6} =$ _____

Q28. $\frac{4}{5} \times \frac{3}{7} =$ _____

Q29. $6 \div \frac{1}{5} =$ _____

Q30. $\frac{1}{6} \div 7 =$ _____

Easy Word Problems

Read each story and write an equation. Find the requested amount.

Questions 1–5

Q1. Mia used $\frac{1}{3}$ of a cup of trail mix on Monday and $\frac{1}{4}$ of the same cup on Tuesday. How much trail mix did Mia use altogether?

Q2. A container held $\frac{4}{5}$ yard of ribbon. The class used $\frac{1}{3}$ yard. How much remains?

Q3. Each team needs $\frac{1}{2}$ gallon of paint. If 4 teams participate, how much paint is needed?

Q4. Noah shares $\frac{1}{5}$ of a pound of garden soil equally among 5 classmates. What fraction of a pound does each classmate receive?

Q5. Liam used $1\frac{2}{3}$ quarts of juice on Monday and $\frac{1}{4}$ of the same quart on Tuesday. How much juice did Liam use altogether?

Questions 6–10

Q6. A container held $\frac{3}{5}$ meter of fabric. The class used $\frac{3}{5}$ meter. How much remains?

Q7. Each team needs $\frac{1}{3}$ bag of granola. If 4 teams participate, how much granola is needed?

Q8. Grace shares $\frac{1}{4}$ of a meter of wood trim equally among 4 classmates. What fraction of a meter does each classmate receive?

Q9. Lucas used $1\frac{1}{3}$ pounds of birdseed on Monday and $\frac{3}{7}$ of the same pound on Tuesday. How much birdseed did Lucas use altogether?

Q10. A container held $1\frac{2}{5}$ sheets of craft paper. The class used $\frac{1}{9}$ sheet. How much remains?

Questions 11–15

Q11. Each team needs $\frac{1}{6}$ cup of trail mix. If 4 teams participate, how much trail mix is needed?

Q12. Jordan shares $\frac{1}{3}$ of a yard of ribbon equally among 3 classmates. What fraction of a yard does each classmate receive?

Q13. Ava used 1 gallon of paint on Monday and $\frac{1}{6}$ of the same gallon on Tuesday. How much paint did Ava use altogether?

Q14. A container held $1\frac{1}{5}$ pounds of garden soil. The class used $\frac{1}{4}$ pound. How much remains?

Q15. Each team needs $\frac{5}{6}$ quart of juice. If 4 teams participate, how much juice is needed?

Questions 16–20

Q16. Sofia shares $\frac{1}{2}$ of a meter of fabric equally among 2 classmates. What fraction of a meter does each classmate receive?

Q17. Ethan used $\frac{2}{3}$ of a bag of granola on Monday and $\frac{2}{5}$ of the same bag on Tuesday. How much granola did Ethan use altogether?

Q18. A container held 1 meter of wood trim. The class used $\frac{3}{7}$ meter. How much remains?

Q19. Each team needs $\frac{2}{3}$ pound of birdseed. If 4 teams participate, how much birdseed is needed?

Q20. Zoe shares $\frac{1}{6}$ of a sheet of craft paper equally among 6 classmates. What fraction of a sheet does each classmate receive?

Questions 21–25

Q21. Mia used $\frac{1}{3}$ of a cup of trail mix on Monday and $\frac{3}{4}$ of the same cup on Tuesday. How much trail mix did Mia use altogether?

Q22. A container held $\frac{4}{5}$ yard of ribbon. The class used $\frac{1}{6}$ yard. How much remains?

Q23. Each team needs $\frac{1}{2}$ gallon of paint. If 4 teams participate, how much paint is needed?

Q24. Noah shares $\frac{1}{5}$ of a pound of garden soil equally among 5 classmates. What fraction of a pound does each classmate receive?

Q25. Liam used $1\frac{2}{3}$ quarts of juice on Monday and $\frac{1}{8}$ of the same quart on Tuesday. How much juice did Liam use altogether?

Questions 26–30

Q26. A container held $\frac{3}{5}$ meter of fabric. The class used $\frac{2}{5}$ meter. How much remains?

Q27. Each team needs $\frac{1}{3}$ bag of granola. If 4 teams participate, how much granola is needed?

Q28. Grace shares $\frac{1}{4}$ of a meter of wood trim equally among 4 classmates. What fraction of a meter does each classmate receive?

Q29. Lucas used $1\frac{1}{3}$ pounds of birdseed on Monday and $\frac{2}{7}$ of the same pound on Tuesday. How much birdseed did Lucas use altogether?

Q30. A container held $1\frac{2}{5}$ sheets of craft paper. The class used $\frac{1}{3}$ sheet. How much remains?

Medium Word Problems

Solve each situation. Simplify fraction answers.

Questions 1–5

Q1. A container held $\frac{3}{4}$ gallon of paint. The class used $\frac{1}{5}$ gallon. How much remains?

Q2. Each team needs $\frac{2}{5}$ pound of garden soil. If 3 teams participate, how much garden soil is needed?

Q3. A supply bin contains 4 quarts of juice. Each project uses $\frac{1}{4}$ of a quart. How many project portions can the bin supply?

Q4. Ethan used $\frac{2}{3}$ of a meter of fabric on Monday and $\frac{1}{7}$ of the same meter on Tuesday. How much fabric did Ethan use altogether?

Q5. A container held $1\frac{3}{4}$ bags of granola. The class used $\frac{2}{9}$ bag. How much remains?

Questions 6–10

Q6. Each team needs $\frac{1}{5}$ meter of wood trim. If 3 teams participate, how much wood trim is needed?

Q7. A supply bin contains 3 pounds of birdseed. Each project uses $\frac{1}{3}$ of a pound. How many project portions can the bin supply?

Q8. Mia used $\frac{1}{2}$ of a sheet of craft paper on Monday and $\frac{1}{3}$ of the same sheet on Tuesday. How much craft paper did Mia use altogether?

Q9. A container held $1\frac{1}{2}$ cups of trail mix. The class used $\frac{3}{8}$ cup. How much remains?

Q10. Each team needs 1 yard of ribbon. If 3 teams participate, how much ribbon is needed?

Questions 11–15

Q11. A supply bin contains 2 gallons of paint. Each project uses $\frac{1}{2}$ of a gallon. How many project portions can the bin supply?

Q12. Liam used $\frac{1}{3}$ of a pound of garden soil on Monday and $\frac{3}{5}$ of the same pound on Tuesday. How much garden soil did Liam use altogether?

Q13. A container held $1\frac{1}{4}$ quarts of juice. The class used $\frac{1}{7}$ quart. How much remains?

Q14. Each team needs $\frac{4}{5}$ meter of fabric. If 3 teams participate, how much fabric is needed?

Q15. A supply bin contains 6 bags of granola. Each project uses $\frac{1}{6}$ of a bag. How many project portions can the bin supply?

Questions 16–20

Q16. Lucas used $\frac{1}{6}$ of a meter of wood trim on Monday and $\frac{1}{4}$ of the same meter on Tuesday. How much wood trim did Lucas use altogether?

Q17. A container held 1 pound of birdseed. The class used $\frac{1}{3}$ pound. How much remains?

Q18. Each team needs $\frac{3}{5}$ sheet of craft paper. If 3 teams participate, how much craft paper is needed?

Q19. A supply bin contains 5 cups of trail mix. Each project uses $\frac{1}{5}$ of a cup. How many project portions can the bin supply?

Q20. Ava used $\frac{5}{6}$ of a yard of ribbon on Monday and $\frac{1}{4}$ of the same yard on Tuesday. How much ribbon did Ava use altogether?

Questions 21–25

Q21. A container held $\frac{3}{4}$ gallon of paint. The class used $\frac{3}{5}$ gallon. How much remains?

Q22. Each team needs $\frac{2}{5}$ pound of garden soil. If 3 teams participate, how much garden soil is needed?

Q23. A supply bin contains 4 quarts of juice. Each project uses $\frac{1}{4}$ of a quart. How many project portions can the bin supply?

Q24. Ethan used $\frac{2}{3}$ of a meter of fabric on Monday and $\frac{3}{7}$ of the same meter on Tuesday. How much fabric did Ethan use altogether?

Q25. A container held $1\frac{3}{4}$ bags of granola. The class used $\frac{1}{9}$ bag. How much remains?

Questions 26–30

Q26. Each team needs $\frac{1}{5}$ meter of wood trim. If 3 teams participate, how much wood trim is needed?

Q27. A supply bin contains 3 pounds of birdseed. Each project uses $\frac{1}{3}$ of a pound. How many project portions can the bin supply?

Q28. Mia used $\frac{1}{2}$ of a sheet of craft paper on Monday and $\frac{1}{6}$ of the same sheet on Tuesday. How much craft paper did Mia use altogether?

Q29. A container held $1\frac{1}{2}$ cups of trail mix. The class used $\frac{1}{4}$ cup. How much remains?

Q30. Each team needs 1 yard of ribbon. If 3 teams participate, how much ribbon is needed?

Advanced Word Problems

Show the steps for each multi-part or less familiar situation.

Questions 1–5

Q1. Each team needs $\frac{1}{4}$ quart of juice. If 2 teams participate, how much juice is needed?

Q2. Grace shares $\frac{1}{3}$ of a meter of fabric equally among 3 classmates. What fraction of a meter does each classmate receive?

Q3. Lucas used $\frac{3}{5}$ of a bag of granola on Monday and $\frac{1}{2}$ of the same bag on Tuesday. How much granola did Lucas use altogether?

Q4. A container held $\frac{6}{7}$ meter of wood trim. The class used $\frac{1}{8}$ meter. How much remains?

Q5. Each team needs $1\frac{1}{4}$ pounds of birdseed. If 2 teams participate, how much birdseed is needed?

Questions 6–10

Q6. Jordan shares $\frac{1}{2}$ of a sheet of craft paper equally among 2 classmates. What fraction of a sheet does each classmate receive?

Q7. Ava used $\frac{2}{5}$ of a cup of trail mix on Monday and $\frac{1}{5}$ of the same cup on Tuesday. How much trail mix did Ava use altogether?

Q8. A container held $\frac{5}{7}$ yard of ribbon. The class used $\frac{2}{7}$ yard. How much remains?

Q9. Each team needs 1 gallon of paint. If 2 teams participate, how much paint is needed?

Q10. Sofia shares $\frac{1}{6}$ of a pound of garden soil equally among 6 classmates. What fraction of a pound does each classmate receive?

Questions 11–15

Q11. Ethan used $\frac{1}{5}$ of a quart of juice on Monday and $\frac{1}{2}$ of the same quart on Tuesday. How much juice did Ethan use altogether?

Q12. A container held $\frac{4}{7}$ meter of fabric. The class used $\frac{1}{2}$ meter. How much remains?

Q13. Each team needs $\frac{3}{4}$ bag of granola. If 2 teams participate, how much granola is needed?

Q14. Zoe shares $\frac{1}{5}$ of a meter of wood trim equally among 5 classmates. What fraction of a meter does each classmate receive?

Q15. Mia used 1 pound of birdseed on Monday and $\frac{3}{8}$ of the same pound on Tuesday. How much birdseed did Mia use altogether?

Questions 16–20

Q16. A container held $\frac{3}{7}$ sheet of craft paper. The class used $\frac{1}{5}$ sheet. How much remains?

Q17. Each team needs $\frac{1}{2}$ cup of trail mix. If 2 teams participate, how much trail mix is needed?

Q18. Noah shares $\frac{1}{4}$ of a yard of ribbon equally among 4 classmates. What fraction of a yard does each classmate receive?

Q19. Liam used $\frac{4}{5}$ of a gallon of paint on Monday and $\frac{1}{7}$ of the same gallon on Tuesday. How much paint did Liam use altogether?

Q20. A container held 1 pound of garden soil. The class used $\frac{2}{9}$ pound. How much remains?

Questions 21–25

Q21. Each team needs $\frac{1}{4}$ quart of juice. If 2 teams participate, how much juice is needed?

Q22. Grace shares $\frac{1}{3}$ of a meter of fabric equally among 3 classmates. What fraction of a meter does each classmate receive?

Q23. Lucas used $\frac{3}{5}$ of a bag of granola on Monday and $\frac{1}{3}$ of the same bag on Tuesday. How much granola did Lucas use altogether?

Q24. A container held $\frac{6}{7}$ meter of wood trim. The class used $\frac{3}{8}$ meter. How much remains?

Q25. Each team needs $1\frac{1}{4}$ pounds of birdseed. If 2 teams participate, how much birdseed is needed?

Questions 26–30

Q26. Jordan shares $\frac{1}{2}$ of a sheet of craft paper equally among 2 classmates. What fraction of a sheet does each classmate receive?

Q27. Ava used $\frac{2}{5}$ of a cup of trail mix on Monday and $\frac{3}{5}$ of the same cup on Tuesday. How much trail mix did Ava use altogether?

Q28. A container held $\frac{5}{7}$ yard of ribbon. The class used $\frac{1}{7}$ yard. How much remains?

Q29. Each team needs 1 gallon of paint. If 2 teams participate, how much paint is needed?

Q30. Sofia shares $\frac{1}{6}$ of a pound of garden soil equally among 6 classmates. What fraction of a pound does each classmate receive?

Mixed Word Problems

Identify the operation, solve, and include the correct unit.

Questions 1–5

Q1. A supply bin contains 2 bags of granola. Each project uses $\frac{1}{2}$ of a bag. How many project portions can the bin supply?

Q2. Mia used $\frac{1}{2}$ of a meter of wood trim on Monday and $\frac{2}{5}$ of the same meter on Tuesday. How much wood trim did Mia use altogether?

Q3. A container held $\frac{5}{6}$ pound of birdseed. The class used $\frac{3}{7}$ pound. How much remains?

Q4. Each team needs $\frac{4}{7}$ sheet of craft paper. If 5 teams participate, how much craft paper is needed?

Q5. A supply bin contains 6 cups of trail mix. Each project uses $\frac{1}{6}$ of a cup. How many project portions can the bin supply?

Questions 6–10

Q6. Liam used $\frac{1}{4}$ of a yard of ribbon on Monday and $\frac{3}{4}$ of the same yard on Tuesday. How much ribbon did Liam use altogether?

Q7. A container held $\frac{2}{3}$ gallon of paint. The class used $\frac{1}{6}$ gallon. How much remains?

Q8. Each team needs $\frac{3}{7}$ pound of garden soil. If 5 teams participate, how much garden soil is needed?

Q9. A supply bin contains 5 quarts of juice. Each project uses $\frac{1}{5}$ of a quart. How many project portions can the bin supply?

Q10. Lucas used $1\frac{1}{4}$ meters of fabric on Monday and $\frac{1}{8}$ of the same meter on Tuesday. How much fabric did Lucas use altogether?

Questions 11–15

Q11. A container held $\frac{1}{2}$ bag of granola. The class used $\frac{2}{5}$ bag. How much remains?

Q12. Each team needs $\frac{2}{7}$ meter of wood trim. If 5 teams participate, how much wood trim is needed?

Q13. A supply bin contains 4 pounds of birdseed. Each project uses $\frac{1}{4}$ of a pound. How many project portions can the bin supply?

Q14. Ava used 1 sheet of craft paper on Monday and $\frac{2}{7}$ of the same sheet on Tuesday. How much craft paper did Ava use altogether?

Q15. A container held $1\frac{1}{6}$ cups of trail mix. The class used $\frac{1}{3}$ cup. How much remains?

Questions 16–20

Q16. Each team needs $\frac{1}{7}$ yard of ribbon. If 5 teams participate, how much ribbon is needed?

Q17. A supply bin contains 3 gallons of paint. Each project uses $\frac{1}{3}$ of a gallon. How many project portions can the bin supply?

Q18. Ethan used $\frac{3}{4}$ of a pound of garden soil on Monday and $\frac{1}{2}$ of the same pound on Tuesday. How much garden soil did Ethan use altogether?

Q19. A container held 1 quart of juice. The class used $\frac{1}{8}$ quart. How much remains?

Q20. Each team needs $\frac{5}{7}$ meter of fabric. If 5 teams participate, how much fabric is needed?

Questions 21–25

Q21. A supply bin contains 2 bags of granola. Each project uses $\frac{1}{2}$ of a bag. How many project portions can the bin supply?

Q22. Mia used $\frac{1}{2}$ of a meter of wood trim on Monday and $\frac{1}{5}$ of the same meter on Tuesday. How much wood trim did Mia use altogether?

Q23. A container held $\frac{5}{6}$ pound of birdseed. The class used $\frac{2}{7}$ pound. How much remains?

Q24. Each team needs $\frac{4}{7}$ sheet of craft paper. If 5 teams participate, how much craft paper is needed?

Q25. A supply bin contains 6 cups of trail mix. Each project uses $\frac{1}{6}$ of a cup. How many project portions can the bin supply?

Questions 26–30

Q26. Liam used $\frac{1}{4}$ of a yard of ribbon on Monday and $\frac{1}{2}$ of the same yard on Tuesday. How much ribbon did Liam use altogether?

Q27. A container held $\frac{2}{3}$ gallon of paint. The class used $\frac{1}{2}$ gallon. How much remains?

Q28. Each team needs $\frac{3}{7}$ pound of garden soil. If 5 teams participate, how much garden soil is needed?

Q29. A supply bin contains 5 quarts of juice. Each project uses $\frac{1}{5}$ of a quart. How many project portions can the bin supply?

Q30. Lucas used $1\frac{1}{4}$ meters of fabric on Monday and $\frac{3}{8}$ of the same meter on Tuesday. How much fabric did Lucas use altogether?

Grade 5 Fractions Worksheets: Answer Keys

Use these tables to check each response. Fraction answers are simplified.

Easy Practice Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	$\frac{1}{2}$	11	$\frac{3}{4}$	21	1
2	$\frac{1}{6}$	12	$\frac{2}{5}$	22	0
3	$\frac{3}{5}$	13	$\frac{5}{9}$	23	1
4	$\frac{1}{4}$	14	$\frac{1}{6}$	24	$\frac{3}{10}$
5	$\frac{3}{4}$	15	$\frac{7}{8}$	25	$\frac{5}{8}$
6	$\frac{1}{3}$	16	0	26	$\frac{5}{12}$
7	$\frac{2}{3}$	17	$\frac{5}{9}$	27	1
8	$\frac{1}{10}$	18	$\frac{1}{7}$	28	$\frac{1}{3}$
9	$\frac{3}{8}$	19	$\frac{1}{2}$	29	$\frac{5}{6}$

10	$\frac{1}{7}$	20	$\frac{1}{5}$	30	$\frac{1}{8}$

Medium Practice Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	$\frac{5}{6}$	11	$\frac{1}{6}$	21	$\frac{13}{15}$
2	$\frac{1}{3}$	12	$\frac{19}{30}$	22	$\frac{5}{6}$
3	$1\frac{22}{45}$	13	$\frac{5}{6}$	23	$\frac{1}{4}$
4	$1\frac{1}{6}$	14	$\frac{1}{3}$	24	$1\frac{17}{45}$
5	$\frac{1}{24}$	15	$1\frac{2}{45}$	25	$\frac{5}{6}$
6	$\frac{32}{45}$	16	$\frac{2}{3}$	26	$\frac{1}{6}$
7	$\frac{5}{6}$	17	$\frac{11}{24}$	27	$1\frac{22}{45}$
8	0	18	$1\frac{41}{90}$	28	1
9	$\frac{19}{45}$	19	$\frac{5}{6}$	29	$\frac{1}{24}$
10	$1\frac{1}{3}$	20	$\frac{1}{6}$	30	$\frac{37}{90}$

Advanced Practice Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	$\frac{23}{60}$	11	$\frac{1}{6}$	21	$\frac{1}{32}$
2	$\frac{3}{10}$	12	42	22	$\frac{14}{15}$
3	$\frac{1}{16}$	13	$1\frac{43}{140}$	23	$\frac{1}{2}$
4	$\frac{139}{168}$	14	$\frac{2}{15}$	24	28
5	$\frac{1}{7}$	15	$\frac{1}{8}$	25	$1\frac{2}{63}$
6	49	16	$1\frac{29}{105}$	26	$\frac{2}{15}$
7	$1\frac{1}{12}$	17	$\frac{3}{16}$	27	$\frac{1}{28}$

8	$\frac{4}{7}$	18	35	28	$1\frac{13}{35}$
9	$\frac{1}{12}$	19	$\frac{17}{24}$	29	$\frac{1}{12}$
10	$\frac{307}{315}$	20	$\frac{16}{49}$	30	21

Mixed Practice Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	$\frac{7}{12}$	11	$1\frac{1}{6}$	21	$\frac{7}{12}$
2	$\frac{1}{10}$	12	$\frac{4}{7}$	22	$\frac{1}{10}$
3	$\frac{1}{10}$	13	$\frac{1}{20}$	23	$\frac{1}{10}$
4	25	14	15	24	35
5	$\frac{1}{36}$	15	$\frac{1}{24}$	25	$\frac{1}{12}$
6	$1\frac{4}{15}$	16	$1\frac{16}{21}$	26	$1\frac{4}{15}$
7	$\frac{7}{12}$	17	0	27	$\frac{7}{12}$
8	$\frac{12}{35}$	18	$\frac{6}{25}$	28	$\frac{12}{35}$
9	20	19	10	29	30
10	$\frac{1}{30}$	20	$\frac{1}{18}$	30	$\frac{1}{42}$

Easy Word Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	$\frac{7}{12}$ cup	11	$\frac{2}{3}$ cup	21	$1\frac{1}{12}$ cups
2	$\frac{7}{15}$ yard	12	$\frac{1}{9}$ yard	22	$\frac{19}{30}$ yard
3	2 gallons	13	$1\frac{1}{6}$ gallons	23	2 gallons
4	$\frac{1}{25}$ pound	14	$\frac{19}{20}$ pound	24	$\frac{1}{25}$ pound
5	$1\frac{11}{12}$ quarts	15	$3\frac{1}{3}$ quarts	25	$1\frac{19}{24}$ quarts
6	0 meters	16	$\frac{1}{4}$ meter	26	$\frac{1}{5}$ meter
7	$1\frac{1}{3}$ bags	17	$1\frac{1}{15}$ bags	27	$1\frac{1}{3}$ bags
8	$\frac{1}{16}$ meter	18	$\frac{4}{7}$ meter	28	$\frac{1}{16}$ meter
9	$1\frac{16}{21}$ pounds	19	$2\frac{2}{3}$ pounds	29	$1\frac{13}{21}$ pounds

10	$1\frac{13}{45}$ sheets	20	$\frac{1}{36}$ sheet	30	$1\frac{1}{15}$ sheets

Medium Word Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	$\frac{11}{20}$ gallon	11	4 portions	21	$\frac{3}{20}$ gallon
2	$1\frac{1}{5}$ pounds	12	$\frac{14}{15}$ pound	22	$1\frac{1}{5}$ pounds
3	16 portions	13	$1\frac{3}{28}$ quarts	23	16 portions
4	$\frac{17}{21}$ meter	14	$2\frac{2}{5}$ meters	24	$1\frac{2}{21}$ meters
5	$1\frac{19}{36}$ bags	15	36 portions	25	$1\frac{23}{36}$ bags
6	$\frac{3}{5}$ meter	16	$\frac{5}{12}$ meter	26	$\frac{3}{5}$ meter
7	9 portions	17	$\frac{2}{3}$ pound	27	9 portions
8	$\frac{5}{6}$ sheet	18	$1\frac{4}{5}$ sheets	28	$\frac{2}{3}$ sheet
9	$1\frac{1}{8}$ cups	19	25 portions	29	$1\frac{1}{4}$ cups
10	3 yards	20	$1\frac{1}{12}$ yards	30	3 yards

Advanced Word Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	$\frac{1}{2}$ quart	11	$\frac{7}{10}$ quart	21	$\frac{1}{2}$ quart
2	$\frac{1}{9}$ meter	12	$\frac{1}{14}$ meter	22	$\frac{1}{9}$ meter
3	$1\frac{1}{10}$ bags	13	$1\frac{1}{2}$ bags	23	$\frac{14}{15}$ bag
4	$\frac{41}{56}$ meter	14	$\frac{1}{25}$ meter	24	$\frac{27}{56}$ meter
5	$2\frac{1}{2}$ pounds	15	$1\frac{3}{8}$ pounds	25	$2\frac{1}{2}$ pounds
6	$\frac{1}{4}$ sheet	16	$\frac{8}{35}$ sheet	26	$\frac{1}{4}$ sheet
7	$\frac{3}{5}$ cup	17	1 cup	27	1 cup
8	$\frac{3}{7}$ yard	18	$\frac{1}{16}$ yard	28	$\frac{4}{7}$ yard
9	2 gallons	19	$\frac{33}{35}$ gallon	29	2 gallons
10	$\frac{1}{36}$ pound	20	$\frac{7}{9}$ pound	30	$\frac{1}{36}$ pound

Mixed Word Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	4 portions	11	$\frac{1}{10}$ bag	21	4 portions
2	$\frac{9}{10}$ meter	12	$1\frac{3}{7}$ meters	22	$\frac{7}{10}$ meter

3	$\frac{17}{42}$ pound	13	16 portions	23	$\frac{23}{42}$ pound
4	$2\frac{6}{7}$ sheets	14	$1\frac{2}{7}$ sheets	24	$2\frac{6}{7}$ sheets
5	36 portions	15	$\frac{5}{6}$ cup	25	36 portions
6	1 yard	16	$\frac{5}{7}$ yard	26	$\frac{3}{4}$ yard
7	$\frac{1}{2}$ gallon	17	9 portions	27	$\frac{1}{6}$ gallon
8	$2\frac{1}{7}$ pounds	18	$1\frac{1}{4}$ pounds	28	$2\frac{1}{7}$ pounds
9	25 portions	19	$\frac{7}{8}$ quart	29	25 portions
10	$1\frac{3}{8}$ meters	20	$3\frac{4}{7}$ meters	30	$1\frac{5}{8}$ meters