Rational Numbers Worksheets Grade 7

Name: _____ Date: _____

Easy Practice Problems

Solve each problem. Show your work in the space provided.

Q1. Add: -18 + (6).

Q2. Subtract: -13 - (-5).

Q3. Multiply: (-9) × (4).

Q4. Divide: 21 ÷ (-3).

Q5. Find the absolute value of -4.

Q6. Evaluate: -1 + $(\frac{-8}{2})$.

Q7. Add: 3 + (2).

Q8. Subtract: 5 - (-6).

Q9. Multiply: (8) × (9).

Q10. Divide: -44 ÷ (-4).

Q11. Find the absolute value of 14.

Q12. Evaluate: $\frac{17}{2}$ + $(\frac{-7}{2})$.

Q13. Add: -16 + (7).

Q14. Subtract: -11 - (-4).

Q15. Multiply: (-7) × (5).

Q16. Divide: 10 ÷ (-2).

Q17. Find the absolute value of -2.

Q18. Evaluate: 0 + $(\frac{-7}{2})$.

Q19. Add: 5 + (3).

Q20. Subtract: 7 - (-5).

Q21. Multiply: (10) × (10).

Q22. Divide: -39 ÷ (-3).

Q23. Find the absolute value of 16.

Q24. Evaluate: $\frac{19}{2}$ + $(\frac{-6}{2})$.

Q25. Add: -14 + (8).

Q26. Subtract: -9 - (-3).

Q27. Multiply: (-5) × (6).

Q28. Divide: 3 ÷ (-1).

Q29. Find the absolute value of 0.

Q30. Evaluate: 1 + $(\frac{-6}{2})$.

Medium Practice Problems

Solve each problem. Show your work in the space provided.

Q1. Compute -7 + (-3).

Q2. Find $\frac{-7}{3} - (\frac{1}{2})$.

Q3. Multiply 0 by $\frac{-6}{5}$.

Q4. Divide $\frac{7}{5}$ by $\frac{5}{2}$.

Q5. Evaluate $|\frac{-3}{2}| - |\frac{-1}{2}|$.

Q6. Compute -1 + $(\frac{8}{3})$.

Q7. Find $\frac{5}{3} - (0)$.

Q8. Multiply $\frac{-11}{4}$ by $\frac{-8}{5}$.

Q9. Divide $\frac{-4}{5}$ by $\frac{3}{2}$.

Q10. Evaluate $|\frac{1}{2}| - |\frac{-5}{6}|$.

Q11. Compute $\frac{-13}{2}$ + (2).

Q12. Find -2 − $(\frac{-1}{2})$.

Q13. Multiply $\frac{1}{4}$ by $\frac{9}{5}$.

Q14. Divide $\frac{8}{5}$ by $\frac{1}{2}$.

Q15. Evaluate $|\frac{-4}{3}| - |\frac{-7}{6}|$.

Q16. Compute $\frac{-1}{2}$ + $(\frac{4}{3})$.

Q17. Find 2 − (-1).

Q18. Multiply $\frac{-5}{2}$ by $\frac{7}{5}$.

Q19. Divide $\frac{-3}{5}$ by $\frac{-1}{2}$.

Q20. Evaluate $|\frac{2}{3}| - |\frac{-3}{2}|$.

Q21. Compute -6 + $(\frac{2}{3})$.

Q22. Find $\frac{-5}{3} - (\frac{-3}{2})$.

Q23. Multiply $\frac{1}{2}$ by 1.

Q24. Divide $\frac{-14}{5}$ by $\frac{-3}{2}$.

Q25. Evaluate $|\frac{-7}{6}| - |\frac{4}{3}|$.

Q26. Compute 0 + (0).

Q27. Find $\frac{7}{3}$ − (-2).

Q28. Multiply $\frac{-9}{4}$ by $\frac{3}{5}$.

Q29. Divide $\frac{-2}{5}$ by $\frac{-5}{2}$.

Q30. Evaluate $|\frac{5}{6}| - |1|$.

Advanced Practice Problems

Solve each problem. Show your work in the space provided.

Q1. Evaluate $\frac{-11}{2}$ + -2 × $\frac{-5}{2}$.

Q2. Evaluate (-2 − $\frac{1}{5}$) ÷ $\frac{-1}{2}$.

Q3. Evaluate $\frac{-1}{4}$ × $(\frac{-5}{2} + \frac{1}{3})$.

Q4. Evaluate $\frac{4}{5} - (\frac{1}{2} \times \frac{4}{5})$.

Q5. Evaluate (-4 + $\frac{5}{3}$) × $\frac{-4}{3}$.

Q6. Evaluate -1 + $\frac{3}{5}$ × $\frac{-1}{4}$.

Q7. Evaluate $(\frac{1}{2} - \frac{-3}{2}) \div \frac{2}{3}$.

Q8. Evaluate -2 × (1 + 1).

Q9. Evaluate $\frac{-5}{2} - (\frac{-2}{3} \times \frac{-3}{2})$.

Q10. Evaluate (0 + 1) × 1.

Q11. Evaluate $\frac{5}{4} + \frac{-1}{2} \times 1$.

Q12. Evaluate $(\frac{-7}{5} - \frac{3}{2}) \div -1$.

Q13. Evaluate $-1 \times (0 + -1)$.

Q14. Evaluate $1 - (\frac{-6}{5} \times \frac{1}{4})$.

Q15. Evaluate $(\frac{-9}{4} + \frac{1}{3}) \times \frac{1}{2}$.

Q16. Evaluate $\frac{-4}{5} + \frac{-5}{4} \times \frac{-4}{5}$.

Q17. Evaluate $(\frac{1}{2} - \frac{2}{3}) \div \frac{-1}{2}$.

Q18. Evaluate $\frac{-11}{3} \times (\frac{-4}{5} + \frac{1}{2})$.

Q19. Evaluate $\frac{-3}{2} - (\frac{3}{2} \times \frac{5}{3})$.

Q20. Evaluate $(\frac{-1}{5} + 2) \times \frac{-3}{4}$.

Q21. Evaluate $2 + \frac{4}{3} \times 0$.

Q22. Evaluate $(\frac{-8}{3} - \frac{-2}{5}) \div \frac{3}{4}$.

Q23. Evaluate $\frac{-3}{4} \times (\frac{5}{2} + \frac{-5}{3})$.

Q24. Evaluate $\frac{2}{5} - (\frac{-1}{4} \times \frac{-2}{5})$.

Q25. Evaluate $(-5 + \frac{4}{3}) \times 2$.

Q26. Evaluate $\frac{-5}{3} + 0 \times 1$.

Q27. Evaluate $(0 - -3) \div \frac{-4}{3}$.

Q28. Evaluate $1 \times (\frac{1}{4} + \frac{-1}{5})$.

Q29. Evaluate $\frac{-7}{2} - (\frac{-5}{3} \times 1)$.

Q30. Evaluate $(\frac{-2}{3} + \frac{2}{3}) \times \frac{2}{5}$.

Mixed Practice Problems

Solve each problem. Show your work in the space provided.

Q1. Compute $-14 + -8$.

Q2. Compute $\frac{-5}{2} - \frac{-4}{3}$.

Q3. Compute $\frac{4}{3} \times 0$.

Q4. Compute $\frac{13}{4} \div \frac{4}{5}$.

Q5. Compare $\frac{-7}{5}$ and 8. Write <, >, or =.

Q6. Find the distance between 2 and $\frac{-5}{3}$ on a number line.

Q7. Compute $\frac{11}{2} + \frac{-1}{2}$.

Q8. Compute -3 $- \frac{3}{5}$.

Q9. Compute 0 × 7.

Q10. Compute $\frac{9}{5} \div$ -2.

Q11. Compare -11 and -1. Write <, >, or =.

Q12. Find the distance between -1 and $\frac{2}{5}$ on a number line.

Q13. Compute $\frac{7}{3}$ + 6.

Q14. Compute $\frac{-13}{4} - \frac{-7}{3}$.

Q15. Compute $\frac{-4}{5} \times \frac{-3}{2}$.

Q16. Compute 5 $\div \frac{1}{5}$.

Q17. Compare 7 and 5. Write <, >, or =.

Q18. Find the distance between -2 and $\frac{-8}{3}$ on a number line.

Q19. Compute $\frac{3}{4}$ + -2.

Q20. Compute $\frac{12}{5} -$ 0.

Q21. Compute -8 × 4.

Q22. Compute $\frac{1}{2} \div \frac{8}{3}$.

Q23. Compare $\frac{10}{3}$ and $\frac{-5}{2}$. Write <, >, or =.

Q24. Find the distance between $\frac{-5}{2}$ and $\frac{-1}{5}$ on a number line.

Q25. Compute $\frac{-1}{5}$ + 3.

Q26. Compute 8 $- \frac{7}{3}$.

Q27. Compute -6 × -3.

Q28. Compute -1 $\div \frac{-2}{5}$.

Q29. Compare $\frac{3}{2}$ and 2. Write <, >, or =.

Q30. Find the distance between $\frac{-14}{5}$ and 2 on a number line.

[PRINTABLE FILE: Download the practice worksheets PDF – file link to be added]

Rational Number Word Problems

Easy Word Problems

Read each situation, write an equation, and solve. Include units when needed.

Q1. A morning temperature starts at 12°F and rises 5°F. What is the new temperature?

Q2. A hiker is at 8 feet relative to sea level, then descends 3 feet. What is the hiker's new elevation?

Q3. A bank account has a balance of $15. A deposit of $4 is made. What is the new balance?

Q4. A submarine is at 9 meters. It changes depth by 2 meters downward. What is its new depth?

Q5. A recipe uses 6 cups of flour, then another 7 cups are added. How many cups are used altogether?

Q6. A cyclist's elevation changes from 14 meters by a decrease of 6 meters. What is the final elevation?

Q7. A football team loses 11 yards on one play and gains 8 yards on the next. What is the net yard change?

Q8. A store account shows $7 after a refund adjustment of $9. What is the resulting balance?

Q9. A diver is 10 feet below the surface and rises 3 feet. What is the diver's position relative to the surface?

Q10. A freezer is at 5°C. Its temperature increases by 4°C. What is the new temperature?

Q11. A trail begins at 13 miles on a map scale and extends another 2 miles. What is the total distance?

Q12. A tank contains 18 gallons. A leak removes 5 gallons. How much remains?

Q13. A player scores 4 points per round for 6 rounds. What is the total point change?

Q14. A charge of $3 is repeated 3 times. What is the total charge?

Q15. A ribbon 20 feet long is cut into 4 equal pieces. How long is each piece?

Q16. A hiker travels 16 miles in 8 equal hours. What is the average distance per hour?

Q17. A machine changes a value by 2 units each minute for 2 minutes. What is the total change?

Q18. A debt of $21 is split equally among 7 friends. What share does each friend owe?

Q19. A pitcher pours 24 liters equally into 6 bottles. How many liters go in each bottle?

Q20. A temperature drops 7°F each hour for 3 hours. What is the total temperature change?

Q21. A morning temperature starts at 14°F and rises 6°F. What is the new temperature?

Q22. A hiker is at 10 feet relative to sea level, then descends 4 feet. What is the hiker's new elevation?

Q23. A bank account has a balance of $17. A deposit of $5 is made. What is the new balance?

Q24. A submarine is at 11 meters. It changes depth by 3 meters downward. What is its new depth?

Q25. A recipe uses 8 cups of flour, then another 8 cups are added. How many cups are used altogether?

Q26. A cyclist's elevation changes from 16 meters by a decrease of 7 meters. What is the final elevation?

Q27. A football team loses 13 yards on one play and gains 9 yards on the next. What is the net yard change?

Q28. A store account shows $9 after a refund adjustment of $10. What is the resulting balance?

Q29. A diver is 12 feet below the surface and rises 4 feet. What is the diver's position relative to the surface?

Q30. A freezer is at 7°C. Its temperature increases by 5°C. What is the new temperature?

Medium Word Problems

Read each situation, write an equation, and solve. Include units when needed.

Q1. A morning temperature starts at -5°F and rises 1°F. What is the new temperature?

Q2. A hiker is at -1 feet relative to sea level, then descends $\frac{7}{3}$ feet. What is the hiker's new elevation?

Q3. A bank account has a balance of $1. A deposit of $3 is made. What is the new balance?

Q4. A submarine is at $\frac{-8}{5}$ meters. It changes depth by 3 meters downward. What is its new depth?

Q5. A recipe uses $\frac{-1}{2}$ cups of flour, then another $\frac{11}{3}$ cups are added. How many cups are used altogether?

Q6. A cyclist's elevation changes from 2 meters by a decrease of $\frac{5}{4}$ meters. What is the final elevation?

Q7. A football team loses $\frac{-3}{2}$ yards on one play and gains 5 yards on the next. What is the net yard change?

Q8. A store account shows $1/5 after a refund adjustment of $4/3. What is the resulting balance?

Q9. A diver is 4 feet below the surface and rises $\frac{9}{4}$ feet. What is the diver's position relative to the surface?

Q10. A freezer is at $\frac{-4}{3}$°C. Its temperature increases by $\frac{3}{2}$°C. What is the new temperature?

Q11. A trail begins at $\frac{3}{4}$ miles on a map scale and extends another $\frac{8}{3}$ miles. What is the total distance?

Q12. A tank contains $\frac{-9}{5}$ gallons. A leak removes $\frac{1}{2}$ gallons. How much remains?

Q13. A player scores -1 points per round for $\frac{7}{2}$ rounds. What is the total point change?

Q14. A charge of $5/3 is repeated 4 times. What is the total charge?

Q15. A ribbon $\frac{-7}{4}$ feet long is cut into $\frac{3}{2}$ equal pieces. How long is each piece?

Q16. A hiker travels 0 miles in $\frac{11}{2}$ equal hours. What is the average distance per hour?

Q17. A machine changes a value by $\frac{7}{2}$ units each minute for $\frac{5}{3}$ minutes. What is the total change?

Q18. A debt of $-$\frac{5}{3}$ is split equally among $\frac{5}{2}$ friends. What share does each friend owe?

Q19. A pitcher pours $\frac{1}{2}$ liters equally into 2 bottles. How many liters go in each bottle?

Q20. A temperature drops -2°F each hour for 3 hours. What is the total temperature change?

Q21. A morning temperature starts at $\frac{-3}{2}$°F and rises $\frac{3}{4}$°F. What is the new temperature?

Q22. A hiker is at $\frac{4}{3}$ feet relative to sea level, then descends 4 feet. What is the hiker's new elevation?

Q23. A bank account has a balance of $-2. A deposit of $2/3 is made. What is the new balance?

Q24. A submarine is at $\frac{-1}{5}$ meters. It changes depth by $\frac{7}{4}$ meters downward. What is its new depth?

Q25. A recipe uses 3 cups of flour, then another 6 cups are added. How many cups are used altogether?

Q26. A cyclist's elevation changes from -2 meters by a decrease of 2 meters. What is the final elevation?

Q27. A football team loses $\frac{1}{4}$ yards on one play and gains $\frac{11}{4}$ yards on the next. What is the net yard change?

Q28. A store account shows $8/5 after a refund adjustment of $5/2. What is the resulting balance?

Q29. A diver is -2 feet below the surface and rises $\frac{10}{3}$ feet. What is the diver's position relative to the surface?

Q30. A freezer is at 1°C. Its temperature increases by 1°C. What is the new temperature?

Advanced Word Problems

Read each situation, write an equation, and solve. Include units when needed.

Q1. A morning temperature starts at -6°F and rises $\frac{2}{3}$°F. What is the new temperature?

Q2. A hiker is at $\frac{-1}{3}$ feet relative to sea level, then descends $\frac{9}{4}$ feet. What is the hiker's new elevation?

Q3. A bank account has a balance of $5/2. A deposit of $3/5 is made. What is the new balance?

Q4. A submarine is at $\frac{-2}{5}$ meters. It changes depth by $\frac{10}{3}$ meters downward. What is its new depth?

Q5. A recipe uses $\frac{9}{2}$ cups of flour, then another 1 cups are added. How many cups are used altogether?

Q6. A cyclist's elevation changes from -1 meters by a decrease of $\frac{11}{5}$ meters. What is the final elevation?

Q7. A football team loses 2 yards on one play and gains $\frac{5}{3}$ yards on the next. What is the net yard change?

Q8. A store account shows $-$\frac{4}{5}$ after a refund adjustment of $3. What is the resulting balance?

Q9. A diver is $\frac{7}{2}$ feet below the surface and rises $\frac{6}{5}$ feet. What is the diver's position relative to the surface?

Q10. A freezer is at $\frac{-5}{3}$°C. Its temperature increases by $\frac{13}{3}$°C. What is the new temperature?

Q11. A trail begins at $\frac{3}{2}$ miles on a map scale and extends another $\frac{7}{4}$ miles. What is the total distance?

Q12. A tank contains $\frac{-6}{5}$ gallons. A leak removes $\frac{14}{5}$ gallons. How much remains?

Q13. A player scores $\frac{5}{2}$ points per round for $\frac{8}{3}$ rounds. What is the total point change?

Q14. A charge of $-$\frac{7}{3}$ is repeated $\frac{1}{2}$ times. What is the total charge?

Q15. A ribbon 1 feet long is cut into $\frac{9}{5}$ equal pieces. How long is each piece?

Q16. A hiker travels $\frac{-8}{5}$ miles in 1 equal hours. What is the average distance per hour?

Q17. A machine changes a value by $\frac{3}{2}$ units each minute for $\frac{5}{2}$ minutes. What is the total change?

Q18. A debt of $-3 is split equally among $\frac{4}{5}$ friends. What share does each friend owe?

Q19. A pitcher pours $\frac{1}{2}$ liters equally into $\frac{11}{3}$ bottles. How many liters go in each bottle?

Q20. A temperature drops -2°F each hour for $\frac{5}{4}$ hours. What is the total temperature change?

Q21. A morning temperature starts at $\frac{1}{2}$°F and rises $\frac{12}{5}$°F. What is the new temperature?

Q22. A hiker is at $\frac{-11}{3}$ feet relative to sea level, then descends 2 feet. What is the hiker's new elevation?

Q23. A bank account has a balance of $0. A deposit of $13/4 is made. What is the new balance?

Q24. A submarine is at $\frac{-12}{5}$ meters. It changes depth by $\frac{7}{5}$ meters downward. What is its new depth?

Q25. A recipe uses $\frac{-1}{2}$ cups of flour, then another $\frac{14}{3}$ cups are added. How many cups are used altogether?

Q26. A cyclist's elevation changes from $\frac{10}{3}$ meters by a decrease of 2 meters. What is the final elevation?

Q27. A football team loses $\frac{-1}{2}$ yards on one play and gains $\frac{2}{5}$ yards on the next. What is the net yard change?

Q28. A store account shows $9/5 after a refund adjustment of $3. What is the resulting balance?

Q29. A diver is $\frac{-3}{2}$ feet below the surface and rises $\frac{3}{4}$ feet. What is the diver's position relative to the surface?

Q30. A freezer is at $\frac{8}{3}$°C. Its temperature increases by 2°C. What is the new temperature?

Mixed Word Problems

Read each situation, write an equation, and solve. Include units when needed.

Q1. A morning temperature starts at -12°F and rises 2°F. What is the new temperature?

Q2. A hiker is at $\frac{-3}{2}$ feet relative to sea level, then descends 3 feet. What is the hiker's new elevation?

Q3. A bank account has a balance of $2. A deposit of $10/3 is made. What is the new balance?

Q4. A submarine is at $\frac{-5}{2}$ meters. It changes depth by $\frac{14}{5}$ meters downward. What is its new depth?

Q5. A recipe uses -1 cups of flour, then another 5 cups are added. How many cups are used altogether?

Q6. A cyclist's elevation changes from 4 meters by a decrease of $\frac{9}{2}$ meters. What is the final elevation?

Q7. A football team loses $\frac{-8}{3}$ yards on one play and gains $\frac{13}{3}$ yards on the next. What is the net yard change?

Q8. A store account shows $1/4 after a refund adjustment of $4/5. What is the resulting balance?

Q9. A diver is 10 feet below the surface and rises 8 feet. What is the diver's position relative to the surface?

Q10. A freezer is at -3°C. Its temperature increases by 6°C. What is the new temperature?

Q11. A trail begins at 1 miles on a map scale and extends another 1 miles. What is the total distance?

Q12. A tank contains 3 gallons. A leak removes $\frac{7}{5}$ gallons. How much remains?

Q13. A player scores -4 points per round for 11 rounds. What is the total point change?

Q14. A charge of $5/2 is repeated 1 times. What is the total charge?

Q15. A ribbon $\frac{-11}{3}$ feet long is cut into 2 equal pieces. How long is each piece?

Q16. A hiker travels $\frac{-1}{2}$ miles in 2 equal hours. What is the average distance per hour?

Q17. A machine changes a value by 7 units each minute for 14 minutes. What is the total change?

Q18. A debt of $-$\frac{9}{2}$ is split equally among $\frac{5}{2}$ friends. What share does each friend owe?

Q19. A pitcher pours 0 liters equally into 3 bottles. How many liters go in each bottle?

Q20. A temperature drops $\frac{9}{4}$°F each hour for $\frac{13}{5}$ hours. What is the total temperature change?

Q21. A morning temperature starts at -7°F and rises 4°F. What is the new temperature?

Q22. A hiker is at 1 feet relative to sea level, then descends 4 feet. What is the hiker's new elevation?

Q23. A bank account has a balance of $11/3. A deposit of $4 is made. What is the new balance?

Q24. A submarine is at $\frac{-5}{4}$ meters. It changes depth by $\frac{3}{5}$ meters downward. What is its new depth?

Q25. A recipe uses 4 cups of flour, then another 7 cups are added. How many cups are used altogether?

Q26. A cyclist's elevation changes from -6 meters by a decrease of $\frac{11}{2}$ meters. What is the final elevation?

Q27. A football team loses -1 yards on one play and gains $\frac{2}{3}$ yards on the next. What is the net yard change?

Q28. A store account shows $3/2 after a refund adjustment of $6/5. What is the resulting balance?

Q29. A diver is -10 feet below the surface and rises 10 feet. What is the diver's position relative to the surface?

Q30. A freezer is at $\frac{-1}{2}$°C. Its temperature increases by 7°C. What is the new temperature?

[PRINTABLE FILE: Download the word-problem worksheets PDF – file link to be added]

Frequently Asked Questions About Rational Numbers Worksheets Grade 7

What is a rational number?

A rational number can be written as a fraction of two integers, with a nonzero denominator. Integers, fractions, and terminating or repeating decimals are rational numbers.

Which operations should seventh graders practice?

Students should add, subtract, multiply, and divide rational numbers. They should also interpret signed values and use rational-number operations in real-world problems.

How can students improve with negative fractions?

First, review the sign rules for each operation. Then find common denominators when adding or subtracting fractions. Finally, estimate each result to check whether its size and sign make sense.

Where can I find related practice?

Use [Grade 7 decimals and integers practice – related worksheet URL to be added] alongside these rational number worksheets grade 7 for a broader review.

Build Stronger Rational Number Skills

Consistent practice helps students recognize patterns and explain their reasoning. Choose a level, work carefully, and review the answer keys after finishing. Math Obsession offers printable practice to support classroom learning, tutoring, and home study.

[INTERNAL LINK: Grade 7 decimals worksheets – related worksheet URL to be added]

[INTERNAL LINK: Grade 6 rational numbers review – related worksheet URL to be added]

Rational Numbers Worksheets Grade 7: Answer Keys

Use these compact answer tables to check completed work. Answers are simplified where appropriate.

[PRINTABLE FILE: Download the answer-key PDF – file link to be added]

Easy Practice Problems — Answer Key

Q#	Answer	Q#	Answer	Q#	Answer
1	-12	2	-8	3	-36
4	-7	5	4	6	-5
7	5	8	11	9	72
10	11	11	14	12	5
13	-9	14	-7	15	-35
16	-5	17	2	18	$\frac{-7}{2}$
19	8	20	12	21	100
22	13	23	16	24	$\frac{13}{2}$
25	-6	26	-6	27	-30
28	-3	29	0	30	-2

Medium Practice Problems — Answer Key

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

Advanced Practice Problems — Answer Key

Q#	Answer	Q#	Answer	Q#	Answer

1	$\frac{-1}{2}$	2	$\frac{22}{5}$	3	$\frac{13}{24}$
4	$\frac{2}{5}$	5	$\frac{28}{9}$	6	$\frac{-23}{20}$
7	3	8	-4	9	$\frac{-7}{2}$
10	1	11	$\frac{3}{4}$	12	$\frac{29}{10}$
13	1	14	$\frac{13}{10}$	15	$\frac{-23}{24}$
16	$\frac{1}{5}$	17	$\frac{1}{3}$	18	$\frac{11}{10}$
19	-4	20	$\frac{-27}{20}$	21	2
22	$\frac{-136}{45}$	23	$\frac{-5}{8}$	24	$\frac{3}{10}$
25	$\frac{-22}{3}$	26	$\frac{-5}{3}$	27	$\frac{-9}{4}$
28	$\frac{1}{20}$	29	$\frac{-11}{6}$	30	0

Mixed Practice Problems — Answer Key

Q#	Answer	Q#	Answer	Q#	Answer
1	-22	2	$\frac{-7}{6}$	3	0
4	$\frac{65}{16}$	5	<	6	$\frac{11}{3}$
7	5	8	$\frac{-18}{5}$	9	0
10	$\frac{-9}{10}$	11	<	12	$\frac{7}{5}$
13	$\frac{25}{3}$	14	$\frac{-11}{12}$	15	$\frac{6}{5}$
16	25	17	>	18	$\frac{2}{3}$
19	$\frac{-5}{4}$	20	$\frac{12}{5}$	21	-32
22	$\frac{3}{16}$	23	>	24	$\frac{23}{10}$
25	$\frac{14}{5}$	26	$\frac{17}{3}$	27	18
28	$\frac{5}{2}$	29	<	30	$\frac{24}{5}$

Easy Word Problems — Answer Key

Q#	Answer	Q#	Answer	Q#	Answer
1	17 °F	2	5 feet	3	19 dollars
4	7 meters	5	13 cups	6	8 meters

7	19 yards	8	16 dollars	9	13 feet
10	9 °C	11	15 miles	12	13 gallons
13	24 points	14	9 dollars	15	5 feet
16	2 miles per hour	17	4 units	18	3 dollars
19	4 liters	20	21 °F	21	20 °F
22	6 feet	23	22 dollars	24	8 meters
25	16 cups	26	9 meters	27	22 yards
28	19 dollars	29	16 feet	30	12 °C

Medium Word Problems — Answer Key

Q#	Answer	Q#	Answer	Q#	Answer
1	-4 °F	2	$\frac{-10}{3}$ feet	3	4 dollars
4	$\frac{-23}{5}$ meters	5	$\frac{19}{6}$ cups	6	$\frac{3}{4}$ meters
7	$\frac{7}{2}$ yards	8	$\frac{23}{15}$ dollars	9	$\frac{25}{4}$ feet
10	$\frac{1}{6}$ °C	11	$\frac{41}{12}$ miles	12	$\frac{-23}{10}$ gallons
13	$\frac{-7}{2}$ points	14	$\frac{20}{3}$ dollars	15	$\frac{-7}{6}$ feet
16	0 miles per hour	17	$\frac{35}{6}$ units	18	$\frac{-2}{3}$ dollars
19	$\frac{1}{4}$ liters	20	-6 °F	21	$\frac{-3}{4}$ °F
22	$\frac{-8}{3}$ feet	23	$\frac{-4}{3}$ dollars	24	$\frac{-39}{20}$ meters
25	9 cups	26	-4 meters	27	3 yards
28	$\frac{41}{10}$ dollars	29	$\frac{4}{3}$ feet	30	2 °C

Advanced Word Problems — Answer Key

Q#	Answer	Q#	Answer	Q#	Answer
1	$\frac{-16}{3}$ °F	2	$\frac{-31}{12}$ feet	3	$\frac{31}{10}$ dollars
4	$\frac{-56}{15}$ meters	5	$\frac{11}{2}$ cups	6	$\frac{-16}{5}$ meters
7	$\frac{11}{3}$ yards	8	$\frac{11}{5}$ dollars	9	$\frac{47}{10}$ feet
10	$\frac{8}{3}$ °C	11	$\frac{13}{4}$ miles	12	-4 gallons
13	$\frac{20}{3}$ points	14	$\frac{-7}{6}$ dollars	15	$\frac{5}{9}$ feet
16	$\frac{-8}{5}$ miles per hour	17	$\frac{15}{4}$ units	18	$\frac{-15}{4}$ dollars
19	$\frac{3}{22}$ liters	20	$\frac{-5}{2}$ °F	21	$\frac{29}{10}$ °F
22	$\frac{-17}{3}$ feet	23	$\frac{13}{4}$ dollars	24	$\frac{-19}{5}$ meters
25	$\frac{25}{6}$ cups	26	$\frac{4}{3}$ meters	27	$\frac{-1}{10}$ yards
28	$\frac{24}{5}$ dollars	29	$\frac{-3}{4}$ feet	30	$\frac{14}{3}$ °C

Mixed Word Problems — Answer Key

Q#	Answer	Q#	Answer	Q#	Answer
1	-10 °F	2	$\frac{-9}{2}$ feet	3	$\frac{16}{3}$ dollars
4	$\frac{-53}{10}$ meters	5	4 cups	6	$\frac{-1}{2}$ meters
7	$\frac{5}{3}$ yards	8	$\frac{21}{20}$ dollars	9	18 feet
10	3 °C	11	2 miles	12	$\frac{8}{5}$ gallons
13	-44 points	14	$\frac{5}{2}$ dollars	15	$\frac{-11}{6}$ feet
16	$\frac{-1}{4}$ miles per hour	17	98 units	18	$\frac{-9}{5}$ dollars
19	0 liters	20	$\frac{117}{20}$ °F	21	-3 °F
22	-3 feet	23	$\frac{23}{3}$ dollars	24	$\frac{-37}{20}$ meters
25	11 cups	26	$\frac{-23}{2}$ meters	27	$\frac{-1}{3}$ yards
28	$\frac{27}{10}$ dollars	29	0 feet	30	$\frac{13}{2}$ °C