

GRADE 4

MIXED WORD PROBLEMS

Printable Worksheet Pack

- Addition and subtraction
- Multiplication and division
- Multi-step problems
- Fractions and decimals
- Money and shopping
- Time and measurement
- Choosing the operation
- Reasoning and checking
- Mixed challenge
- Answer key included

Name: _____

Date: _____ Teacher: _____

Worksheet 1: Addition & Subtraction Problems

Grade 4 • Mixed Word Problems

Solve each problem. Show your working.

1. A school library had 3,485 books. It bought 1,275 new books. How many books does it have now?

Working: _____

2. A farmer harvested 6,240 apples and sold 2,875. How many apples were left?

Working: _____

3. A stadium had 18,650 visitors on Saturday and 21,475 on Sunday. How many visitors came over the two days?

Working: _____

4. A factory made 25,000 pencils and packed 8,650 into boxes. How many pencils were not yet packed?

Working: _____

5. A charity collected \$4,875 in May and \$3,960 in June. How much did it collect altogether?

Working: _____

Worksheet 2: Multiplication & Division Problems

Grade 4 • Mixed Word Problems

Solve. Use the standard method when needed.

1. A teacher puts 24 pencils into each of 18 boxes. How many pencils are there altogether?

Working: _____

2. A theatre has 15 rows with 36 seats in each row. How many seats are there?

Working: _____

3. A baker made 864 cookies and packed them equally into 12 boxes. How many cookies went into each box?

Working: _____

4. A school bought 1,260 notebooks and shared them equally among 35 classes. How many notebooks did each class receive?

Working: _____

5. A shop sells packs of 24 stickers. How many stickers are in 32 packs?

Working: _____

Worksheet 3: Multi-Step Problems

Grade 4 • Mixed Word Problems

Read carefully. More than one operation may be needed.

1. A school has 8 classes with 28 students each. Then 15 new students join. How many students are there altogether?

Working: _____

2. A shop had 750 notebooks. It sold 285 in the morning and 176 in the afternoon. How many notebooks remain?

Working: _____

3. A farmer has 6 crates with 48 oranges in each. He sells 125 oranges. How many oranges are left?

Working: _____

4. A bus company has 4 buses with 52 seats each. On a trip, 37 seats are empty. How many passengers are travelling?

Working: _____

5. A book costs \$18. Mia buys 4 books and pays with \$100. How much change does she receive?

Working: _____

Worksheet 4: Money Word Problems

Grade 4 • Mixed Word Problems

Use dollars and cents. Show all money amounts clearly.

1. Sam buys a notebook for \$4.75 and a pencil case for \$7.50. What is the total cost?

Working: _____

2. A jacket costs \$48.00. It is reduced by \$9.50. What is the sale price?

Working: _____

3. Three identical games cost \$12.75 each. What is the total cost?

Working: _____

4. Lena has \$50.00 and spends \$18.65. How much money is left?

Working: _____

5. A family buys 4 movie tickets at \$9.50 each and a snack for \$7.25. What is the total cost?

Working: _____

Worksheet 5: Fractions & Decimals in Context

Grade 4 • Mixed Word Problems

Write answers in the requested form.

1. A pizza is cut into 8 equal slices. Maya eats 3 slices. What fraction of the pizza did she eat?

Working: _____

2. A water tank holds 10.0 L. It contains 6.5 L. How many litres more are needed to fill it?

Working: _____

3. A ribbon is 2.5 m long. Another ribbon is 1.75 m long. What is their total length?

Working: _____

4. A class has 24 students. One quarter of them bring lunch from home. How many students is that?

Working: _____

5. A runner completes 3.6 km in the morning and 2.45 km in the evening. How far does the runner travel altogether?

Working: _____

Worksheet 6: Time & Measurement Problems

Grade 4 • Mixed Word Problems

Use appropriate units and show your calculations.

1. A film starts at 2:35 p.m. and lasts 1 hour 45 minutes. What time does it finish?

Working: _____

2. A train leaves at 9:20 a.m. and arrives at 11:05 a.m. How long is the journey?

Working: _____

3. A recipe needs 750 mL of milk. You have 1 L. How much milk will remain after making the recipe?

Working: _____

4. A hiking trail is 4 km 350 m long. A family walks 2 km 800 m. How much farther must they walk?

Working: _____

5. A box weighs 2 kg 500 g. Another box weighs 1 kg 750 g. What is their combined mass?

Working: _____

Worksheet 7: Choose the Correct Operation

Grade 4 • Mixed Word Problems

First write +, −, × or ÷. Then solve.

1. Each of 7 tables has 6 chairs. How many chairs are there? Operation: ____ Answer: ____
2. A library has 950 books and lends 275. How many remain? Operation: ____ Answer: ____
3. 84 sweets are shared equally among 7 children. How many does each child get? Operation: ____ Answer: ____
4. A shop receives 325 red balloons and 248 blue balloons. How many balloons altogether? Operation: ____ Answer: ____
5. A farmer puts 9 eggs into each carton. How many cartons are needed for 72 eggs? Operation: ____ Answer: ____

Check your thinking

6. Why is choosing the correct operation important when solving a word problem?

Worksheet 8: Reasoning & Checking

Grade 4 • Mixed Word Problems

Find the error or explain your reasoning.

1. A student says $48 \times 6 = 248$. Is the answer correct? Explain and give the correct answer.

Working: _____

2. A student says $720 \div 8 = 80$. Check the answer and explain.

Working: _____

3. Tom has \$20. He buys a toy for \$13.75. He says he has \$7.25 left. Is he correct? Explain.

Working: _____

4. A class has 32 students. Four students are absent. A student says $32 + 4 = 36$ students are present. Explain the mistake.

Working: _____

5. A rectangle is 8 m long and 5 m wide. A student says its perimeter is 26 m. Is the answer correct? Explain.

Working: _____

Worksheet 9: Mixed Word Problem Challenge

Grade 4 • Mixed Word Problems

Challenge yourself. Some problems have several steps.

1. A school orders 18 boxes of crayons. Each box has 24 crayons. The school gives 125 crayons to Grade 3. How many crayons remain?

Working: _____

2. A family has a travel budget of \$500. They spend \$185.75 on tickets and \$146.50 on a hotel. How much of the budget remains?

Working: _____

3. A water tank contains 8.5 L. Each day, 1.25 L is used for 4 days. How much water remains?

Working: _____

4. A sports club has 6 teams with 14 players each. On match day, 9 players are absent. How many players attend?

Working: _____

5. A shop had 1,500 balloons. It sold 375 in the morning and twice as many in the afternoon. How many balloons remain?

Working: _____

Answer Key: Grade 4 Mixed Word Problems

Grade 4 • Mixed Word Problems

Worksheet 1

1. 4,760 books 2. 3,365 apples 3. 40,125 visitors
4. 16,350 pencils 5. \$8,835

Worksheet 6

1. 4:20 p.m. 2. 1 hour 45 minutes
3. 250 mL 4. 1 km 550 m 5. 4 kg 250 g

Worksheet 2

1. 432 pencils 2. 540 seats 3. 72 cookies
4. 36 notebooks 5. 768 stickers

Worksheet 7

1. $\times$, 42 2. $-$, 675 3. $\div$, 12
4. $+$, 573 5. $\div$, 8 6. Answers vary; operation must match the situation.

Worksheet 3

1. 239 students 2. 289 notebooks 3. 163 oranges
4. 171 passengers 5. \$28 change

Worksheet 8

1. No; $48 \times 6 = 288$. 2. No; $720 \div 8 = 90$.
3. Yes; $\$20 - \$13.75 = \$6.25$, so the student is incorrect.
4. $32 - 4 = 28$ present. 5. Yes; $2(8+5) = 26$ m.

Worksheet 4

1. \$12.25 2. \$38.50 3. \$38.25
4. \$31.35 5. \$45.25

Worksheet 9

1. 307 crayons 2. \$167.75 3. 3.5 L
4. 75 players 5. 375 balloons

Worksheet 5

1. $\frac{3}{8}$ 2. 3.5 L 3. 4.25 m
4. 6 students 5. 6.05 km