Grade 4 Math Review

Name: _____ Date: _____

01 PRACTICE PAGE

Multiplicative Comparisons

Find the size of one group, the number of groups, or the total.



Fill in the missing steps

A ribbon is 6 cm long. A second ribbon is 4 times as long.

4 × 6 = _____ cm. Fill the total, not 4 + 6.

Your turn

1. A rope is 42 m long. It is 7 times as long as a short rope. How long is the short rope?

_____

2. A dime is worth 10 pennies. How many pennies have the same value as 5 dimes?

_____

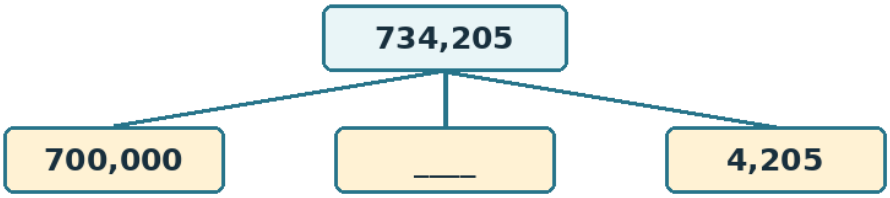
3. A bag weighs 8 kg. Another bag weighs 32 kg. How many times as heavy is the second bag?

_____

02 PRACTICE PAGE

Place Value to One Million

Read from left to right. A place is worth 10 times the place on its right.



Fill in the missing steps

Complete the number bond. Then split 4,205 into 4,000 + _____ + 5.

Which digit is in the ten-thousands place? _____

Your turn

1. Write 600,000 + 50,000 + 2,000 + 80 + 1 in standard and word form.

2. Compare: 510,209 _____ 501,920. Underline the first digits that differ.

3. Write 1,000 more, 10,000 less, and 100,000 more than 489,700.

4. Rename 1,000,000 as _____ hundred thousands.

03 PRACTICE PAGE

Rounding and Estimating

Find the lower and higher multiples. Mark the halfway point.



Fill in the missing steps

46,720 is past halfway, so it rounds to _____ to the nearest thousand.

Fill the rule: At exactly halfway, round to the _____ multiple.

Your turn

1. Round 384,651 to the nearest thousand, ten thousand, and hundred thousand.

2. Round 53,485 to the nearest hundred. Draw your own number line.

3. Estimate 29,818 + 41,290 by rounding each number to the nearest thousand.

04 PRACTICE PAGE

Addition and Subtraction

Line up the places. Regroup when a place has too many or too few units.

Trade	1 thousand	10 hundreds

Fill in the missing steps

For 5,002 − 1,786: after trading across the zeros, 5,002 is

4 thousands + 9 hundreds + _____ tens + 12 ones. Difference: _____.

Your turn

1. Add 48,376 + 27,859. Show the regrouping.

2. Subtract 70,004 − 28,596. Show where you trade.

3. Check your subtraction with addition. Write the check equation.

05 PRACTICE PAGE

Multistep Word Problems

Read the question first. Draw or label what each step finds.

Plan	Start 2,480	Add 1,365	Use 1,275

Fill in the missing steps

A book drive starts with 2,480 books, collects 1,365 more, then gives away 1,275. Total collected: _____. Books left: _____.

Your turn

1. A theater sold 1,875 Friday tickets, 2,240 Saturday tickets, and 1,960 Sunday tickets. It refunds 425. How many tickets were sold and not refunded?

_____

_____

2. An art fair has 4,600 sheets of paper. Students use 1,385 on Monday and 1,670 on Tuesday. How many sheets remain?

_____

_____

06 PRACTICE PAGE

Metric Measurement

When changing to a smaller unit, the number of units gets larger.

×	1 m = 100 cm	1 kg = 1,000 g	1 L = 1,000 mL

Fill in the missing steps

3 m 25 cm = (3 × 100) + 25 = _____ cm.

2 L 150 mL = (2 × _____) + 150 = _____ mL.

Your turn

1. Convert 4 km 90 m to meters. Hint: 1 km = 1,000 m.

2. Convert 6 kg 40 g to grams.

3. A jug holds 3 L. You pour out 850 mL. How many milliliters are left?

07 PRACTICE PAGE

Multiply with Place Value and Area

Split a factor into parts. Multiply each part and add the products.

	200	30	6
4	800	___	24

Fill in the missing steps

4 × 236 = (4 × 200) + (4 × 30) + (4 × 6)

4 × 236 = 800 + _____ + 24 = _____.

Your turn

1. Find 6 × 70. Hint: 6 × 7 tens = _____ tens.

2. Find 5 × 347. Draw a number bond or area model.

3. A garden is 24 m long and 7 m wide. What is the area in square meters? Draw a rectangle.

08 PRACTICE PAGE

Divide with an Area Model

Split the total into parts that are easy to divide. Add the partial quotients.



Fill in the missing steps

$864 \div 4 = (800 \div 4) + (40 \div 4) + (24 \div 4)$

$864 \div 4 = 200 + _____ + 6 = _____$. Check: $_____ \times 4 = 864$.

Your turn

1. Divide $240 \div 6$. Think: 24 tens $\div$ 6 = _____ tens.

2. Divide $96 \div 4$. Split 96 into 80 + 16.

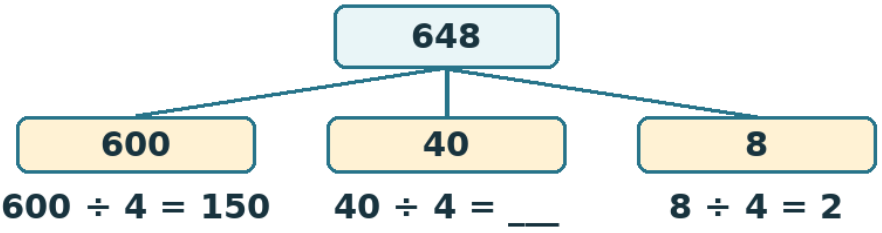
3. Divide $735 \div 5$. Try splitting 735 into 500 + 200 + 35.

4. Share 84 cards equally among 6 people. How many cards does each person get?

09 PRACTICE PAGE

Divide with the Distributive Property

Split the total into parts that divide evenly. Divide each part, then add the quotients.



648 ÷ 4 = (600 ÷ 4) + (40 ÷ 4) + (8 ÷ 4)

= 150 + _____ + 2 = _____ Check: _____ × 4 = 648

Your turn

1. Solve 72 ÷ 4. Split 72 into 40 + 32. Divide each part, then add.

_____

_____

2. Solve 435 ÷ 5. Draw a number bond and split 435 into 400 + 35.

_____

_____

3. Solve 536 ÷ 4. Choose parts that each divide evenly by 4.

_____

_____

4. Share 96 cards equally among 6 people. Split 96 into 60 + 36. How many cards per person?

_____

_____

Check: Multiply your quotient by the divisor to get the starting number.

Teacher Answer Key

Start with rounding and multistep problems. Try one page per session and cover the rest of the page if needed. Accept equivalent drawings and strategies.

01 Multiplicative Comparisons

Model: 24 cm • 1. 6 m • 2. 50 pennies • 3. 4 times

02 Place Value to One Million

Model: 30,000; 200; 3 • 1. 652,081; six hundred fifty-two thousand eighty-one • 2. >; 1 and 0 in the ten-thousands place • 3. 490,700; 479,700; 589,700 • 4. 10

03 Rounding and Estimating

Model: 47,000; higher • 1. 385,000; 380,000; 400,000 • 2. 53,500; endpoints 53,400 and 53,500; halfway 53,450 • 3. 30,000 + 41,000 ≈ 71,000

04 Addition and Subtraction

Model: 9 tens; 3,216 • 1. 76,235 • 2. 41,408 • 3. 41,408 + 28,596 = 70,004

05 Multistep Word Problems

Model: 3,845; 2,570 • 1. 1,875 + 2,240 + 1,960 = 6,075; 6,075 − 425 = 5,650 • 2. 1,385 + 1,670 = 3,055; 4,600 − 3,055 = 1,545

Teacher Answer Key

06 Metric Measurement

Model: 325 cm; 1,000; 2,150 mL • 1. 4,090 m • 2. 6,040 g • 3. 3,000 − 850 = 2,150 mL

07 Multiply with Place Value and Area

Model: 120; 944 • 1. 42 tens; 420 • 2. 1,500 + 200 + 35 = 1,735 • 3. 140 + 28 = 168 square meters

08 Divide with an Area Model

Model: 10; 216; 216 • 1. 4 tens; 40 • 2. 20 + 4 = 24 • 3. 100 + 40 + 7 = 147 • 4. 14 cards

09 Divide with the Distributive Property

Model: 10; 162; 162. 1. 18 = 10 + 8. 2. 87 = 80 + 7. 3. 134 = 100 + 30 + 4. 4. 16 cards = 10 + 6.

Practice topics: whole-number operations, place value, and metric measurement.