

Grade 4: The Year at a Glance

What each week teaches, what it brings back, and the Common Core standard the focus box practices.

Week	This week's focus	Also back again	Standard
1	Place value to one million	Grade 3 multiplication and division...	4.NBT.A.1, 4.NBT.A.2
2	Comparing and ordering large numbers	Place value	4.NBT.A.2
3	Rounding to any place	Comparing numbers	4.NBT.A.3
4	Adding multi-digit numbers	Rounding	4.NBT.B.4
5	Subtracting multi-digit numbers	Adding	4.NBT.B.4
6	Multiplication as comparison: times as many	Adding and subtracting	4.OA.A.1, 4.OA.A.2
7	Factors and multiples	Times as many	4.OA.B.4
8	Prime and composite numbers	Factors and multiples	4.OA.B.4
9	Multiplying by 10, 100, 1,000 and multiples of 10	Prime and composite	4.NBT.A.1, 4.NBT.B.5
10	Multiplying 2-, 3- and 4-digit numbers by 1 digit	Multiples of 10	4.NBT.B.5
11	2-digit by 2-digit multiplication with the area model	Multiplying by 1 digit	4.NBT.B.5
12	2-digit by 2-digit multiplication	Area model	4.NBT.B.5
13	Division with remainders	Multiplication	4.NBT.B.6
14	Long division: 2- and 3-digit by 1-digit	Remainders	4.NBT.B.6
15	Long division: 4-digit by 1-digit	Long division	4.NBT.B.6
16	Interpreting remainders	Long division	4.OA.A.3
17	Multi-step word problems	Interpreting remainders	4.OA.A.3
18	Mid-year review: multiplication, division, word probl...	Multi-step problems	4.NBT.B.5, 4.NBT.B.6
19	Equivalent fractions	Factors and multiples	4.NF.A.1
20	Comparing fractions	Equivalent fractions	4.NF.A.2
21	Adding and subtracting fractions with the same denomi...	Comparing fractions	4.NF.B.3
22	Mixed numbers and improper fractions	Adding and subtracting fractions	4.NF.B.3
23	Adding and subtracting mixed numbers	Mixed numbers	4.NF.B.3
24	Multiplying a fraction by a whole number	Mixed numbers	4.NF.B.4
25	Tenths and hundredths: fractions and decimals	Fraction times whole number	4.NF.C.5, 4.NF.C.6
26	Comparing decimals	Decimals	4.NF.C.7
27	Units of measurement and conversions	Decimals	4.MD.A.1
28	Measurement and money word problems	Conversions	4.MD.A.2
29	Area and perimeter formulas	Measurement	4.MD.A.3
30	Line plots with fractions	Area and perimeter	4.MD.B.4
31	Points, lines, rays and angles	Line plots	4.G.A.1
32	Measuring, drawing and adding angles	Lines and angles	4.MD.C.6, 4.MD.C.7
33	Parallel and perpendicular lines; classifying shapes	Angles	4.G.A.2
34	Lines of symmetry	Classifying shapes	4.G.A.3
35	Review: multiplication, division and fractions	Everything so far	4.NBT.B.5, 4.NF.B.3
36	Ready for 5th grade: decimals and volume	Everything so far	5.NBT.A.3 (preview)

Weekly Math Review: Grade 4, Week 1

Name: _____

This week: Place value to one million. Also back again: grade 3 multiplication and division facts.

MONDAY

1. Facts

$3 \times 4 = \underline{\quad\quad}$

$21 \div 7 = \underline{\quad\quad}$

$6 \times 6 = \underline{\quad\quad}$

$24 \div 8 = \underline{\quad\quad}$

$7 \times 4 = \underline{\quad\quad}$

$16 \div 4 = \underline{\quad\quad}$

$3 \times 8 = \underline{\quad\quad}$

$63 \div 9 = \underline{\quad\quad}$

$3 \times 6 = \underline{\quad\quad}$

$48 \div 8 = \underline{\quad\quad}$

$8 \times 8 = \underline{\quad\quad}$

$64 \div 8 = \underline{\quad\quad}$

2. Number sense

Round 468 to the nearest hundred.

What is $705 - 268$?

What is 6×80 ?

What number is 100 more than 950?

TUESDAY

3. Word problem

A school library has 8 shelves of science books. Each shelf holds 40 books. Students have checked out 65 of the books. How many science books are on the shelves now?

Show your work.

Answer: _____ books

4. This week: place value

What is the value of the 7 in 472,381?

Write $300,000 + 40,000 + 600 + 8$ as one number.

Write 52,019 in expanded form.

Write this number with digits: two hundred six thousand, forty-five.

Weekly Math Review: Grade 4, Week 1

Week 1, side 2

WEDNESDAY

5. Time

How much time passes from the first clock to the second?



Start



End

_____ minutes

A movie starts at 6:15 and lasts 1 hour and 50 minutes. What time does it end?

THURSDAY

7. Puzzle

I am between 60 and 80. You say me when you count by 7s and when you count by 9s. What number am I?

I think of a number. I multiply it by 6 and then subtract 8. I get 40. What is my number?

6. Patterns

Write the next two numbers.

125

150

175

200

900

850

800

750

36

45

54

63

8. Find the mistake

Liv says the 3 in 35,204 is worth **30,000**.

Kai says the 3 in 35,204 is worth **3,000**.

Who is right? _____

What did the other one do wrong?

Weekly Math Review: Grade 4, Week 2

Name: _____

This week: Comparing and ordering large numbers. Also back again: place value.

MONDAY

1. Facts

$3 \times 5 = \underline{\quad\quad}$

$36 \div 6 = \underline{\quad\quad}$

$3 \times 7 = \underline{\quad\quad}$

$18 \div 6 = \underline{\quad\quad}$

$6 \times 6 = \underline{\quad\quad}$

$72 \div 9 = \underline{\quad\quad}$

$9 \times 7 = \underline{\quad\quad}$

$35 \div 7 = \underline{\quad\quad}$

$6 \times 4 = \underline{\quad\quad}$

$24 \div 3 = \underline{\quad\quad}$

$7 \times 6 = \underline{\quad\quad}$

$72 \div 8 = \underline{\quad\quad}$

2. Number sense

What is the value of the 8 in 83,412?

The 6 in 6,000 is worth how many times as much as the 6 in 600?

_____ times

What is $437 + 285$?

Write $90,000 + 4,000 + 70 + 2$ as one number.

TUESDAY

3. Word problem

A stadium has 925 seats. 480 seats are taken in the first hour, and 265 more are taken in the second hour. How many seats are still empty?

Show your work.

Answer: _____ seats

4. This week: comparing numbers

Compare. Write $<$, $>$ or $=$ in each circle.

48,215 ○ 48,251

320,400 ○ 32,400

705,318 ○ 750,318

99,999 ○ 100,000

612,940 ○ 612,490

Put in order from least to greatest: 45,210; 54,012; 45,120.

Weekly Math Review: Grade 4, Week 2

Week 2, side 2

WEDNESDAY

5. Money

A notebook costs \$2.75. Kim pays with \$5.00.
How much change does she get?

How much are 6 quarters, 3 dimes and 4 pennies?

Stickers cost 45¢ a sheet. How much do 4 sheets cost?

THURSDAY

7. Puzzle

I am a 4-digit number. My thousands digit is 5.
My hundreds digit is 2 less than my thousands digit.
My tens digit is 0. My ones digit is double my hundreds digit. What number am I?

Use the digits 3, 8, 1 and 6 once each. What is the greatest number you can make?

6. Patterns

Find the rule. Then finish the table.

In	Out
100	350
375	625
1,200	
4,650	

The rule is _____

If In is 900, Out is _____

8. Find the mistake

Maya says 40,987 is **less** than 41,002.
Cole says 40,987 is **greater** than 41,002.

Who is right? _____

What did the other one do wrong?

Weekly Math Review: Grade 4, Week 3

Name: _____

This week: Rounding to any place. Also back again: comparing numbers.

MONDAY

1. Facts

$8 \times 4 = \underline{\quad\quad}$

$56 \div 7 = \underline{\quad\quad}$

$8 \times 8 = \underline{\quad\quad}$

$81 \div 9 = \underline{\quad\quad}$

$7 \times 8 = \underline{\quad\quad}$

$36 \div 6 = \underline{\quad\quad}$

$7 \times 6 = \underline{\quad\quad}$

$27 \div 9 = \underline{\quad\quad}$

$4 \times 7 = \underline{\quad\quad}$

$27 \div 3 = \underline{\quad\quad}$

$8 \times 6 = \underline{\quad\quad}$

$28 \div 4 = \underline{\quad\quad}$

2. Number sense

Which is greater, 207,350 or 270,305?

What is the value of the 9 in 596,023?

What is $800 - 356$?

Write 61,407 in expanded form.

TUESDAY

3. Word problem

A bakery bakes 6 trays of rolls each morning. Each tray holds 30 rolls. By noon, 145 rolls are sold. How many rolls are left?

Show your work.

Answer: _____ rolls

4. This week: rounding

Round 6,249 to the nearest hundred.

Round 47,862 to the nearest thousand.

Round 386,450 to the nearest ten thousand.

Round 853,917 to the nearest hundred thousand.

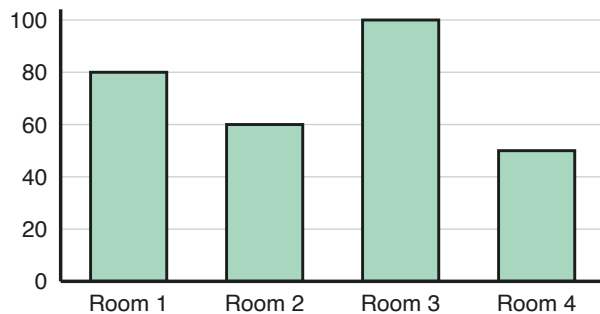
Weekly Math Review: Grade 4, Week 3

Week 3, side 2

WEDNESDAY

5. Graphs

Books Read by Each Class



How many books did Room 4 read?

How many more books did Room 3 read than Room 2?

How many books did Room 1 and Room 2 read together?

6. Patterns

Write the next two numbers.

1,500

2,000

2,500

3,000

4,200

4,000

3,800

3,600

75

90

105

120

THURSDAY

7. Puzzle

I am between 250 and 350. Rounded to the nearest ten, I am 350. Rounded to the nearest hundred, I am 300. My ones digit is 7. What number am I?

What is the greatest whole number that rounds to 6,000 when you round to the nearest thousand?

8. Find the mistake

Nora says 46,518 rounded to the nearest thousand is **46,000**.

Eli says 46,518 rounded to the nearest thousand is **47,000**.

Who is right? _____

What did the other one do wrong?

Weekly Math Review: Grade 4, Week 4

Name: _____

This week: Adding multi-digit numbers. Also back again: rounding.

MONDAY

1. Facts

$7 \times 7 = \underline{\quad\quad\quad} \quad 21 \div 7 = \underline{\quad\quad\quad}$

$9 \times 7 = \underline{\quad\quad\quad} \quad 12 \div 4 = \underline{\quad\quad\quad}$

$3 \times 9 = \underline{\quad\quad\quad} \quad 32 \div 4 = \underline{\quad\quad\quad}$

$8 \times 3 = \underline{\quad\quad\quad} \quad 15 \div 3 = \underline{\quad\quad\quad}$

$7 \times 3 = \underline{\quad\quad\quad} \quad 56 \div 8 = \underline{\quad\quad\quad}$

$5 \times 4 = \underline{\quad\quad\quad} \quad 9 \div 3 = \underline{\quad\quad\quad}$

2. Number sense

Round 23,649 to the nearest thousand.

Round 385,210 to the nearest hundred thousand.

What is the value of the 4 in 148,726?

Which is less, 90,909 or 90,099?

TUESDAY

3. Word problem

A farm picks 468 apples on Monday and 375 apples on Tuesday. It packs 500 of the apples into boxes. How many apples are not packed yet?

Show your work.

Answer: _____ apples

4. This week: adding

$$\begin{array}{r} 4,527 \\ + 3,865 \\ \hline \end{array} \quad \begin{array}{r} 36,482 \\ + 27,359 \\ \hline \end{array}$$

$$\begin{array}{r} 258,640 \\ + 73,915 \\ \hline \end{array} \quad \begin{array}{r} 605,478 \\ + 294,836 \\ \hline \end{array}$$

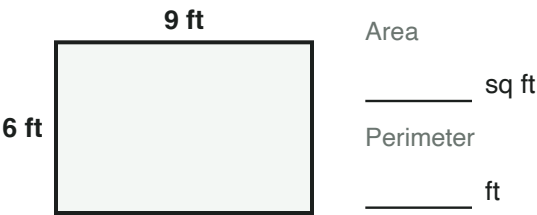
Weekly Math Review: Grade 4, Week 4

Week 4, side 2

WEDNESDAY

5. Area and perimeter

Find the area and the perimeter of the rectangle.



A square has sides 8 cm long. What is its perimeter?

_____ cm

THURSDAY

7. Puzzle

Two numbers add up to 1,000. One of them is 385. What is the other number?

I think of a number. I double it and then add 150. I get 500. What is my number?

6. Patterns

Find the rule. Then finish the table.

In	Out
500	375
1,000	875
2,375	
6,125	

The rule is _____

If In is 800, Out is _____

8. Find the mistake

Ruby says $2,746 + 1,589 = 4,335$.

Finn says $2,746 + 1,589 = 3,225$.

Who is right? _____

What did the other one do wrong?

Weekly Math Review: Grade 4, Week 1 (Answer Key)

This week: Place value to one million. Also back again: grade 3 multiplication and division facts.

MONDAY

1. Facts

$3 \times 4 = \underline{12} \quad 21 \div 7 = \underline{3}$

$6 \times 6 = \underline{36} \quad 24 \div 8 = \underline{3}$

$7 \times 4 = \underline{28} \quad 16 \div 4 = \underline{4}$

$3 \times 8 = \underline{24} \quad 63 \div 9 = \underline{7}$

$3 \times 6 = \underline{18} \quad 48 \div 8 = \underline{6}$

$8 \times 8 = \underline{64} \quad 64 \div 8 = \underline{8}$

2. Number sense

Round 468 to the nearest hundred.

500

What is $705 - 268$?

437

What is 6×80 ?

480

What number is 100 more than 950?

1,050

TUESDAY

3. Word problem

A school library has 8 shelves of science books. Each shelf holds 40 books. Students have checked out 65 of the books. How many science books are on the shelves now?

Show your work.

$8 \times 40 = 320$

$320 - 65 = 255$

Answer: 255 books

4. This week: place value

What is the value of the 7 in 472,381?

70,000

Write $300,000 + 40,000 + 600 + 8$ as one number.

340,608

Write 52,019 in expanded form.

$50,000 + 2,000 + 10 + 9$

Write this number with digits: two hundred six thousand, forty-five.

206,045

Weekly Math Review: Grade 4, Week 1 (Answer Key)

Week 1, side 2

WEDNESDAY

5. Time

How much time passes from the first clock to the second?



Start



End

45 minutes

A movie starts at 6:15 and lasts 1 hour and 50 minutes. What time does it end?

8:05

6. Patterns

Write the next two numbers.

125

150

175

200

225

250

900

850

800

750

700

650

36

45

54

63

72

81

THURSDAY

7. Puzzle

I am between 60 and 80. You say me when you count by 7s and when you count by 9s. What number am I?

63

I think of a number. I multiply it by 6 and then subtract 8. I get 40. What is my number?

8

8. Find the mistake

Liv says the 3 in 35,204 is worth **30,000**.

Kai says the 3 in 35,204 is worth **3,000**.

Who is right? Liv

What did the other one do wrong?

Kai counted the places wrong. From the right, the places are ones, tens, hundreds, thousands, ten thousands. The 3 is in the ten thousands place.

Weekly Math Review: Grade 4, Week 2 (Answer Key)

This week: Comparing and ordering large numbers. Also back again: place value.

MONDAY

1. Facts

$$3 \times 5 = \underline{15} \quad 36 \div 6 = \underline{6}$$

$$3 \times 7 = \underline{21} \quad 18 \div 6 = \underline{3}$$

$$6 \times 6 = \underline{36} \quad 72 \div 9 = \underline{8}$$

$$9 \times 7 = \underline{63} \quad 35 \div 7 = \underline{5}$$

$$6 \times 4 = \underline{24} \quad 24 \div 3 = \underline{8}$$

$$7 \times 6 = \underline{42} \quad 72 \div 8 = \underline{9}$$

2. Number sense

What is the value of the 8 in 83,412?

80,000

The 6 in 6,000 is worth how many times as much as the 6 in 600?

10 times

What is $437 + 285$?

722

Write $90,000 + 4,000 + 70 + 2$ as one number.

94,072

TUESDAY

3. Word problem

A stadium has 925 seats. 480 seats are taken in the first hour, and 265 more are taken in the second hour. How many seats are still empty?

Show your work.

$$925 - 480 = 445$$

$$445 - 265 = 180$$

Answer: 180 seats

4. This week: comparing numbers

Compare. Write $<$, $>$ or $=$ in each circle.

$$48,215 \quad \textcircled{<} \quad 48,251$$

$$320,400 \quad \textcircled{>} \quad 32,400$$

$$705,318 \quad \textcircled{<} \quad 750,318$$

$$99,999 \quad \textcircled{<} \quad 100,000$$

$$612,940 \quad \textcircled{>} \quad 612,490$$

Put in order from least to greatest: 45,210; 54,012; 45,120.

45,120; 45,210; 54,012

Weekly Math Review: Grade 4, Week 2 (Answer Key)

Week 2, side 2

WEDNESDAY

5. Money

A notebook costs \$2.75. Kim pays with \$5.00.
How much change does she get?

\$2.25

How much are 6 quarters, 3 dimes and 4 pennies?

\$1.84

Stickers cost 45¢ a sheet. How much do 4 sheets cost?

\$1.80

THURSDAY

7. Puzzle

I am a 4-digit number. My thousands digit is 5.
My hundreds digit is 2 less than my thousands digit.
My tens digit is 0. My ones digit is double my hundreds digit. What number am I?

5,306

Use the digits 3, 8, 1 and 6 once each. What is the greatest number you can make?

8,631

6. Patterns

Find the rule. Then finish the table.

In	Out
100	350
375	625
1,200	1,450
4,650	4,900

The rule is + 250

If In is 900, Out is 1,150

8. Find the mistake

Maya says 40,987 is **less** than 41,002.

Cole says 40,987 is **greater** than 41,002.

Who is right? Maya

What did the other one do wrong?

Cole looked at the last three digits, 987 and 002. Compare from the left: both numbers have 4 ten thousands, and then 0 thousands is less than 1 thousand.

Weekly Math Review: Grade 4, Week 3 (Answer Key)

This week: Rounding to any place. Also back again: comparing numbers.

MONDAY

1. Facts

$$8 \times 4 = \underline{32} \quad 56 \div 7 = \underline{8}$$

$$8 \times 8 = \underline{64} \quad 81 \div 9 = \underline{9}$$

$$7 \times 8 = \underline{56} \quad 36 \div 6 = \underline{6}$$

$$7 \times 6 = \underline{42} \quad 27 \div 9 = \underline{3}$$

$$4 \times 7 = \underline{28} \quad 27 \div 3 = \underline{9}$$

$$8 \times 6 = \underline{48} \quad 28 \div 4 = \underline{7}$$

2. Number sense

Which is greater, 207,350 or 270,305?

270,305

What is the value of the 9 in 596,023?

90,000

What is $800 - 356$?

444

Write 61,407 in expanded form.

$60,000 + 1,000 + 400 + 7$

TUESDAY

3. Word problem

A bakery bakes 6 trays of rolls each morning. Each tray holds 30 rolls. By noon, 145 rolls are sold. How many rolls are left?

Show your work.

$$6 \times 30 = 180$$

$$180 - 145 = 35$$

Answer: 35 rolls

4. This week: rounding

Round 6,249 to the nearest hundred.

6,200

Round 47,862 to the nearest thousand.

48,000

Round 386,450 to the nearest ten thousand.

390,000

Round 853,917 to the nearest hundred thousand.

900,000

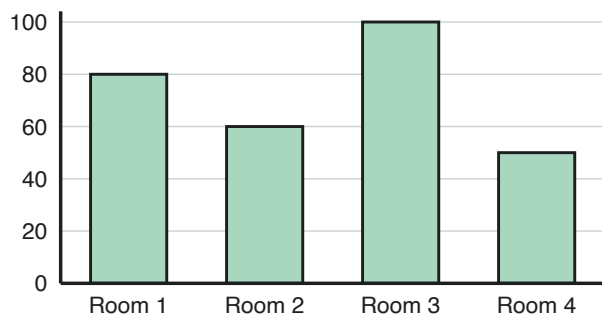
Weekly Math Review: Grade 4, Week 3 (Answer Key)

Week 3, side 2

WEDNESDAY

5. Graphs

Books Read by Each Class



How many books did Room 4 read?

50

How many more books did Room 3 read than Room 2?

40

How many books did Room 1 and Room 2 read together?

140

6. Patterns

Write the next two numbers.

1,500

2,000

2,500

3,000

3,500

4,000

4,200

4,000

3,800

3,600

3,400

3,200

75

90

105

120

135

150

THURSDAY

7. Puzzle

I am between 250 and 350. Rounded to the nearest ten, I am 350. Rounded to the nearest hundred, I am 300. My ones digit is 7. What number am I?

347

What is the greatest whole number that rounds to 6,000 when you round to the nearest thousand?

6,499

8. Find the mistake

Nora says 46,518 rounded to the nearest thousand is **46,000**.

Eli says 46,518 rounded to the nearest thousand is **47,000**.

Who is right? Eli

What did the other one do wrong?

Nora kept the 6 thousands. The hundreds digit is 5, and 5 or more means the thousands digit goes up by one.

Weekly Math Review: Grade 4, Week 4 (Answer Key)

This week: Adding multi-digit numbers. Also back again: rounding.

MONDAY

1. Facts

$$7 \times 7 = \underline{49} \quad 21 \div 7 = \underline{3}$$

$$9 \times 7 = \underline{63} \quad 12 \div 4 = \underline{3}$$

$$3 \times 9 = \underline{27} \quad 32 \div 4 = \underline{8}$$

$$8 \times 3 = \underline{24} \quad 15 \div 3 = \underline{5}$$

$$7 \times 3 = \underline{21} \quad 56 \div 8 = \underline{7}$$

$$5 \times 4 = \underline{20} \quad 9 \div 3 = \underline{3}$$

2. Number sense

Round 23,649 to the nearest thousand.

24,000

Round 385,210 to the nearest hundred thousand.

400,000

What is the value of the 4 in 148,726?

40,000

Which is less, 90,909 or 90,099?

90,099

TUESDAY

3. Word problem

A farm picks 468 apples on Monday and 375 apples on Tuesday. It packs 500 of the apples into boxes. How many apples are not packed yet?

Show your work.

$$468 + 375 = 843$$

$$843 - 500 = 343$$

Answer: 343 apples

4. This week: adding

$$\begin{array}{r} 4,527 \\ + 3,865 \\ \hline 8,392 \end{array} \quad \begin{array}{r} 36,482 \\ + 27,359 \\ \hline 63,841 \end{array}$$

$$\begin{array}{r} 258,640 \\ + 73,915 \\ \hline 332,555 \end{array} \quad \begin{array}{r} 605,478 \\ + 294,836 \\ \hline 900,314 \end{array}$$

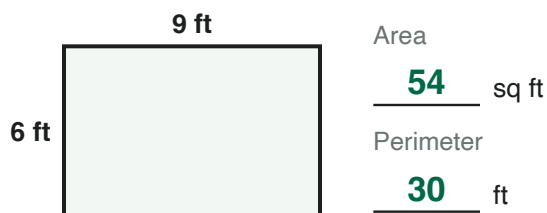
Weekly Math Review: Grade 4, Week 4 (Answer Key)

Week 4, side 2

WEDNESDAY

5. Area and perimeter

Find the area and the perimeter of the rectangle.



A square has sides 8 cm long. What is its perimeter?

32 cm

THURSDAY

7. Puzzle

Two numbers add up to 1,000. One of them is 385. What is the other number?

615

I think of a number. I double it and then add 150. I get 500. What is my number?

175

6. Patterns

Find the rule. Then finish the table.

In	Out
500	375
1,000	875
2,375	2,250
6,125	6,000

The rule is - 125

If In is 800, Out is 675

8. Find the mistake

Ruby says $2,746 + 1,589 = 4,335$.

Finn says $2,746 + 1,589 = 3,225$.

Who is right? Ruby

What did the other one do wrong?

Finn added each place but never carried. $6 + 9 = 15$, so 1 ten has to be carried, and the tens and hundreds need a carry too.