

Grade 3: 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 1,000	Addition and subtraction facts, tel...	2.NBT.A.1 (review)
2	Adding and subtracting within 1,000	Place value, money	3.NBT.A.2
3	Rounding to the nearest ten and hundred	Adding and subtracting, place value	3.NBT.A.1
4	Picture graphs and bar graphs with a scale	Rounding, adding and subtracting	3.MD.B.3
5	Multiplication: equal groups and arrays	Graphs, rounding	3.OA.A.1
6	Multiplying by 2, 5 and 10	Arrays, adding and subtracting	3.OA.C.7
7	Multiplying by 3, 4 and 6	2s, 5s and 10s, graphs	3.OA.C.7
8	Division: sharing and grouping	Multiplication facts to 6	3.OA.A.2
9	Dividing by 2, 3, 4, 5, 6 and 10	Sharing and grouping, rounding	3.OA.C.7
10	Breaking a fact apart (the distributive property)	Division facts	3.OA.B.5
11	Multiplying and dividing by 7, 8 and 9	Breaking facts apart, graphs	3.OA.C.7
12	Unknown numbers and fact families	All multiplication and division fac...	3.OA.A.4, 3.OA.B.6
13	Multiplying by multiples of 10	Unknown numbers, all facts	3.NBT.A.3
14	Two-step word problems: adding and subtracting	Multiples of 10, all facts	3.OA.D.8
15	Two-step word problems: all four operations	Two-step problems, unknown numbers	3.OA.D.8
16	Area: counting squares and multiplying	Two-step problems, all facts	3.MD.C.6, 3.MD.C.7
17	Area of joined rectangles	Area, multiplication and division	3.MD.C.7
18	Mid-year review: facts, rounding, two-step problems	Area	3.OA.C.7, 3.OA.D.8
19	Fractions: equal parts of a whole	Area, facts	3.NF.A.1
20	Fractions on a number line	Naming fractions, two-step problems	3.NF.A.2
21	Equal fractions	Fractions on a number line, facts	3.NF.A.3
22	Comparing fractions	Equal fractions, area	3.NF.A.3
23	Telling time to the minute	Fractions, facts	3.MD.A.1
24	Elapsed time	Time to the minute, comparing fract...	3.MD.A.1
25	Grams, kilograms, liters and milliliters	Elapsed time, multiples of 10	3.MD.A.2
26	Measuring to the quarter inch; line plots	Mass and volume, fractions	3.MD.B.4
27	Perimeter	Line plots, area	3.MD.D.8
28	Area and perimeter together	Perimeter, fractions	3.MD.C.7, 3.MD.D.8
29	Quadrilaterals and other shapes	Area and perimeter, elapsed time	3.G.A.1
30	Splitting shapes into equal parts	Shapes, fractions	3.G.A.2
31	Harder two-step word problems	Area, perimeter, fractions	3.OA.D.8
32	Review: multiplication, division and unknown numbers	Everything so far	3.OA.A.4, 3.OA.C.7
33	Review: fractions and line plots	Everything so far	3.NF.A.3, 3.MD.B.4
34	Review: area, perimeter and shapes	Everything so far	3.MD.D.8, 3.G.A.1
35	Review: measurement, time and graphs	Everything so far	3.MD.A.1, 3.MD.B.3
36	Ready for 4th grade: 2-digit by 1-digit multiplication	Everything so far	4.NBT.B.5 (preview)

Weekly Math Review: Grade 3, Week 1

Name: _____

This week: Place value to 1,000. Also back again: addition and subtraction facts, telling time.

MONDAY

1. Facts

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

$15 - 9 = \underline{\quad\quad}$

$6 + 9 = \underline{\quad\quad}$

$13 - 5 = \underline{\quad\quad}$

$9 + 8 = \underline{\quad\quad}$

$17 - 8 = \underline{\quad\quad}$

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

$14 - 6 = \underline{\quad\quad}$

$5 + 9 = \underline{\quad\quad}$

$12 - 7 = \underline{\quad\quad}$

2. Number sense

What is the value of the 4 in 648?

Write $500 + 30 + 2$ as one number.

Which is greater, 389 or 398?

What number is 10 more than 495?

TUESDAY

3. Word problem

A library has 245 picture books and 132 chapter books. How many books is that in all?

Show your work.

Answer: _____ books

4. This week: place value

Write 706 in expanded form.

Write the number that has 3 hundreds, 0 tens and 8 ones.

Write 419 in words.

Put in order from least to greatest: 610, 601, 599.

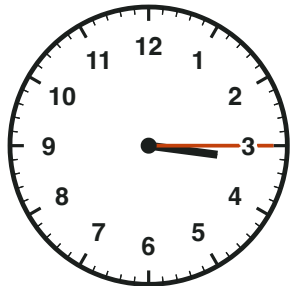
Weekly Math Review: Grade 3, Week 1

Week 1, side 2

WEDNESDAY

5. Time

What time does each clock show?





Recess starts at 10:00 and lasts 30 minutes.
What time does it end?

6. Patterns

Write the next two numbers.

5

10

15

20

100

200

300

400

34

44

54

64

THURSDAY

7. Puzzle

I am thinking of a number. If I add 20 to it, I get 75. What is my number?

I am between 20 and 30. I am even. My two digits add up to 6. What number am I?

8. Find the mistake

Max says $46 + 38 = 74$.

Ana says $46 + 38 = 84$.

Who is right? _____

What did the other one do wrong?

Weekly Math Review: Grade 3, Week 2

Name: _____

This week: Adding and subtracting within 1,000. Also back again: place value, money.

MONDAY

1. Facts

$9 + 6 = \underline{\quad\quad}$

$16 - 7 = \underline{\quad\quad}$

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

$11 - 4 = \underline{\quad\quad}$

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

$18 - 9 = \underline{\quad\quad}$

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

$15 - 8 = \underline{\quad\quad}$

$9 + 9 = \underline{\quad\quad}$

$13 - 6 = \underline{\quad\quad}$

2. Number sense

What number is 10 less than 302?

What number is 100 more than 940?

Which is less, 517 or 571?

What is the value of the 9 in 936?

TUESDAY

3. Word problem

A school has 425 students. 198 of them ride the bus. How many students do not ride the bus?

Show your work.

Answer: _____ students

4. This week: add and subtract

$$\begin{array}{r} 356 \\ + 278 \\ \hline \end{array}$$

$$\begin{array}{r} 604 \\ - 259 \\ \hline \end{array}$$

$$\begin{array}{r} 487 \\ + 135 \\ \hline \end{array}$$

$$\begin{array}{r} 730 \\ - 462 \\ \hline \end{array}$$

Weekly Math Review: Grade 3, Week 2

Week 2, side 2

WEDNESDAY

5. Money

How much are 3 quarters and 2 dimes?

_____ ¢

A pencil costs 65¢. Sam pays with \$1.00. How much change does he get?

_____ ¢

How many nickels make 40¢?

_____ nickels

THURSDAY

7. Puzzle

Two triangles together are worth 50. One triangle and one circle are worth 40. What is a triangle worth?

What is the circle worth?

6. Patterns

Find the rule. Then finish the table.

In	Out
10	35
40	65
75	
120	

The rule is _____

If In is 200, Out is _____

8. Find the mistake

Leo says $503 - 147 = 356$.

Mia says $503 - 147 = 444$.

Who is right? _____

What did the other one do wrong?

Weekly Math Review: Grade 3, Week 3

Name: _____

This week: Rounding to the nearest ten and hundred. Also back again: adding and subtracting, place value.

MONDAY

1. Facts

$9 + 9 = \underline{\quad\quad}$

$11 - 6 = \underline{\quad\quad}$

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

$11 - 5 = \underline{\quad\quad}$

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

$16 - 7 = \underline{\quad\quad}$

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

$11 - 4 = \underline{\quad\quad}$

$4 + 9 = \underline{\quad\quad}$

$13 - 8 = \underline{\quad\quad}$

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

$11 - 8 = \underline{\quad\quad}$

2. Number sense

What is the value of the 7 in 472?

What number is 100 less than 615?

Write $800 + 9$ as one number.

Which is less, 440 or 404?

TUESDAY

3. Word problem

A farm stand sells 318 apples on Saturday and 276 apples on Sunday. How many apples does it sell in all?

Show your work.

Answer: _____ apples

4. This week: rounding

Round 47 to the nearest ten.

Round 362 to the nearest ten.

Round 362 to the nearest hundred.

Round 850 to the nearest hundred.

Weekly Math Review: Grade 3, Week 3

Week 3, side 2

WEDNESDAY

5. Money

How much are 2 quarters, 1 dime and 3 pennies?

_____ ¢

A sticker costs 35¢. How much do 2 stickers cost?

_____ ¢

Eva has 90¢. She spends 55¢. How much does she have left?

_____ ¢

6. Patterns

Write the next two numbers.

20

30

40

50

150

200

250

300

75

70

65

60

THURSDAY

7. Puzzle

I am between 40 and 50. When you round me to the nearest ten, you get 40. I am odd and greater than 42. What number am I?

I am thinking of a number. If I subtract 15 from it, I get 30. What is my number?

8. Find the mistake

Nora says 250 rounded to the nearest hundred is **200**.

Eli says 250 rounded to the nearest hundred is **300**.

Who is right? _____

What did the other one do wrong?

Weekly Math Review: Grade 3, Week 4

Name: _____

This week: Picture graphs and bar graphs with a scale. Also back again: rounding, adding and subtracting.

MONDAY

1. Facts

$9 + 5 = \underline{\hspace{2cm}} \quad 17 - 9 = \underline{\hspace{2cm}}$

$5 + 8 = \underline{\hspace{2cm}} \quad 12 - 5 = \underline{\hspace{2cm}}$

$8 + 7 = \underline{\hspace{2cm}} \quad 13 - 9 = \underline{\hspace{2cm}}$

$6 + 7 = \underline{\hspace{2cm}} \quad 14 - 9 = \underline{\hspace{2cm}}$

$8 + 8 = \underline{\hspace{2cm}} \quad 13 - 4 = \underline{\hspace{2cm}}$

$6 + 9 = \underline{\hspace{2cm}} \quad 12 - 8 = \underline{\hspace{2cm}}$

2. Number sense

Round 78 to the nearest ten.

Round 534 to the nearest hundred.

Write $400 + 60 + 7$ as one number.

What number is 10 more than 893?

TUESDAY

3. Word problem

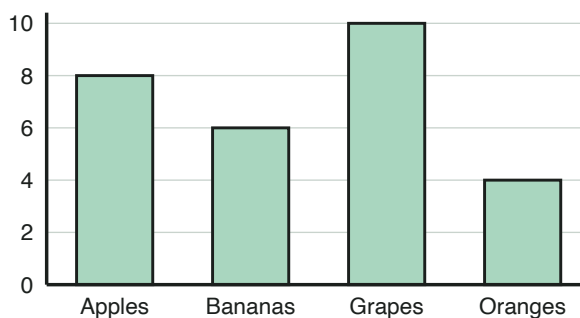
There are 520 seats in a theater. 365 of the seats are full. How many seats are empty?

Show your work.

Answer: _____ seats

4. This week: bar graphs

Favorite Fruit



How many students chose grapes?

How many more students chose apples than oranges?

How many students voted in all?

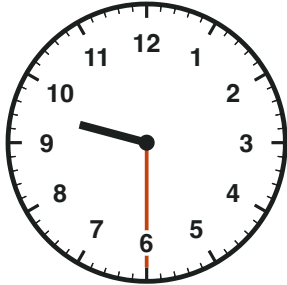
Weekly Math Review: Grade 3, Week 4

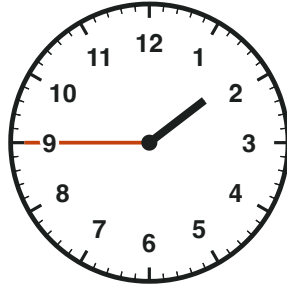
Week 4, side 2

WEDNESDAY

5. Time

What time does each clock show?





Lunch starts at 11:30 and lasts 30 minutes. What time does it end?

6. Patterns

Find the rule. Then finish the table.

In	Out
35	25
80	70
124	
300	

The rule is _____

If In is 500, Out is _____

THURSDAY

7. Puzzle

I am an even number between 60 and 70. My two digits add up to 14. What number am I?

I am thinking of a number. If I double it, I get 90. What is my number?

8. Find the mistake

Ruby says $372 + 254 = 626$.

Finn says $372 + 254 = 526$.

Who is right? _____

What did the other one do wrong?

Weekly Math Review: Grade 3, Week 1 (Answer Key)

This week: Place value to 1,000. Also back again: addition and subtraction facts, telling time.

MONDAY

1. Facts

$$8 + 7 = \underline{15} \quad 15 - 9 = \underline{6}$$

$$6 + 9 = \underline{15} \quad 13 - 5 = \underline{8}$$

$$9 + 8 = \underline{17} \quad 17 - 8 = \underline{9}$$

$$7 + 6 = \underline{13} \quad 14 - 6 = \underline{8}$$

$$5 + 9 = \underline{14} \quad 12 - 7 = \underline{5}$$

2. Number sense

What is the value of the 4 in 648?

40

Write $500 + 30 + 2$ as one number.

532

Which is greater, 389 or 398?

398

What number is 10 more than 495?

505

TUESDAY

3. Word problem

A library has 245 picture books and 132 chapter books. How many books is that in all?

Show your work.

$$245 + 132 = 377$$

Answer: 377 books

4. This week: place value

Write 706 in expanded form.

$700 + 6$

Write the number that has 3 hundreds, 0 tens and 8 ones.

308

Write 419 in words.

four hundred nineteen

Put in order from least to greatest: 610, 601, 599.

599, 601, 610

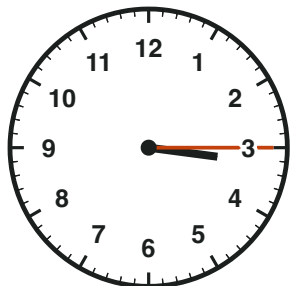
Weekly Math Review: Grade 3, Week 1 (Answer Key)

Week 1, side 2

WEDNESDAY

5. Time

What time does each clock show?



3:15



7:40

Recess starts at 10:00 and lasts 30 minutes.
What time does it end?

10:30

6. Patterns

Write the next two numbers.

5

10

15

20

25

30

100

200

300

400

500

600

34

44

54

64

74

84

THURSDAY

7. Puzzle

I am thinking of a number. If I add 20 to it, I get 75. What is my number?

55

I am between 20 and 30. I am even. My two digits add up to 6. What number am I?

24

8. Find the mistake

Max says $46 + 38 = 74$.

Ana says $46 + 38 = 84$.

Who is right? Ana

What did the other one do wrong?

Max forgot to carry.

Weekly Math Review: Grade 3, Week 2 (Answer Key)

This week: Adding and subtracting within 1,000. Also back again: place value, money.

MONDAY

1. Facts

$$9 + 6 = \underline{15} \quad 16 - 7 = \underline{9}$$

$$8 + 8 = \underline{16} \quad 11 - 4 = \underline{7}$$

$$7 + 9 = \underline{16} \quad 18 - 9 = \underline{9}$$

$$6 + 8 = \underline{14} \quad 15 - 8 = \underline{7}$$

$$9 + 9 = \underline{18} \quad 13 - 6 = \underline{7}$$

2. Number sense

What number is 10 less than 302?

292

What number is 100 more than 940?

1,040

Which is less, 517 or 571?

517

What is the value of the 9 in 936?

900

TUESDAY

3. Word problem

A school has 425 students. 198 of them ride the bus. How many students do not ride the bus?

Show your work.

$$425 - 198 = 227$$

Answer: 227 students

4. This week: add and subtract

$$\begin{array}{r} 356 \\ + 278 \\ \hline 634 \end{array}$$

$$\begin{array}{r} 604 \\ - 259 \\ \hline 345 \end{array}$$

$$\begin{array}{r} 487 \\ + 135 \\ \hline 622 \end{array}$$

$$\begin{array}{r} 730 \\ - 462 \\ \hline 268 \end{array}$$

Weekly Math Review: Grade 3, Week 2 (Answer Key)

Week 2, side 2

WEDNESDAY

5. Money

How much are 3 quarters and 2 dimes?

95 ¢

A pencil costs 65¢. Sam pays with \$1.00. How much change does he get?

35 ¢

How many nickels make 40¢?

8 nickels

THURSDAY

7. Puzzle

Two triangles together are worth 50. One triangle and one circle are worth 40. What is a triangle worth?

25

What is the circle worth?

15

6. Patterns

Find the rule. Then finish the table.

In	Out
10	35
40	65
75	100
120	145

The rule is + 25

If In is 200, Out is 225

8. Find the mistake

Leo says $503 - 147 = 356$.

Mia says $503 - 147 = 444$.

Who is right? Leo

What did the other one do wrong?

Mia took the smaller digit from the bigger one in each place and did not regroup.

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

This week: Rounding to the nearest ten and hundred. Also back again: adding and subtracting, place value.

MONDAY

1. Facts

$$9 + 9 = \underline{18} \quad 11 - 6 = \underline{5}$$

$$8 + 4 = \underline{12} \quad 11 - 5 = \underline{6}$$

$$8 + 8 = \underline{16} \quad 16 - 7 = \underline{9}$$

$$8 + 6 = \underline{14} \quad 11 - 4 = \underline{7}$$

$$4 + 9 = \underline{13} \quad 13 - 8 = \underline{5}$$

$$7 + 9 = \underline{16} \quad 11 - 8 = \underline{3}$$

2. Number sense

What is the value of the 7 in 472?

70

What number is 100 less than 615?

515

Write $800 + 9$ as one number.

809

Which is less, 440 or 404?

404

TUESDAY

3. Word problem

A farm stand sells 318 apples on Saturday and 276 apples on Sunday. How many apples does it sell in all?

Show your work.

$$318 + 276 = 594$$

Answer: 594 apples

4. This week: rounding

Round 47 to the nearest ten.

50

Round 362 to the nearest ten.

360

Round 362 to the nearest hundred.

400

Round 850 to the nearest hundred.

900

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

Week 3, side 2

WEDNESDAY

5. Money

How much are 2 quarters, 1 dime and 3 pennies?

63 ¢

A sticker costs 35¢. How much do 2 stickers cost?

70 ¢

Eva has 90¢. She spends 55¢. How much does she have left?

35 ¢

6. Patterns

Write the next two numbers.

20

30

40

50

60

70

150

200

250

300

350

400

75

70

65

60

55

50

THURSDAY

7. Puzzle

I am between 40 and 50. When you round me to the nearest ten, you get 40. I am odd and greater than 42. What number am I?

43

I am thinking of a number. If I subtract 15 from it, I get 30. What is my number?

45

8. Find the mistake

Nora says 250 rounded to the nearest hundred is **200**.

Eli says 250 rounded to the nearest hundred is **300**.

Who is right? Eli

What did the other one do wrong?

Nora rounded down. A 5 in the tens place means you round up.

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

This week: Picture graphs and bar graphs with a scale. Also back again: rounding, adding and subtracting.

MONDAY

1. Facts

$$9 + 5 = \underline{14} \quad 17 - 9 = \underline{8}$$

$$5 + 8 = \underline{13} \quad 12 - 5 = \underline{7}$$

$$8 + 7 = \underline{15} \quad 13 - 9 = \underline{4}$$

$$6 + 7 = \underline{13} \quad 14 - 9 = \underline{5}$$

$$8 + 8 = \underline{16} \quad 13 - 4 = \underline{9}$$

$$6 + 9 = \underline{15} \quad 12 - 8 = \underline{4}$$

2. Number sense

Round 78 to the nearest ten.

80

Round 534 to the nearest hundred.

500

Write $400 + 60 + 7$ as one number.

467

What number is 10 more than 893?

903

TUESDAY

3. Word problem

There are 520 seats in a theater. 365 of the seats are full. How many seats are empty?

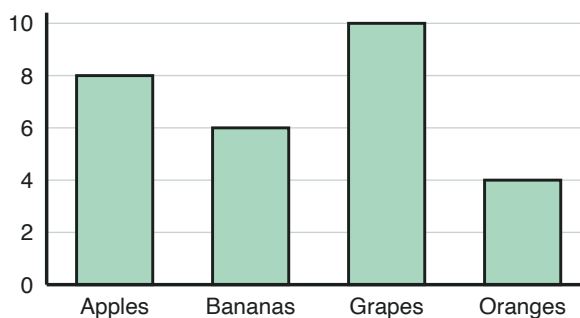
Show your work.

$$520 - 365 = 155$$

Answer: 155 seats

4. This week: bar graphs

Favorite Fruit



How many students chose grapes?

10

How many more students chose apples than oranges?

4

How many students voted in all?

28

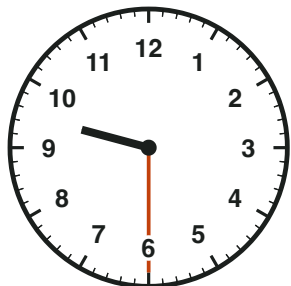
Weekly Math Review: Grade 3, Week 4 (Answer Key)

Week 4, side 2

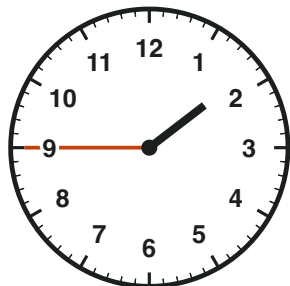
WEDNESDAY

5. Time

What time does each clock show?



9:30



1:45

Lunch starts at 11:30 and lasts 30 minutes. What time does it end?

12:00

THURSDAY

7. Puzzle

I am an even number between 60 and 70. My two digits add up to 14. What number am I?

68

I am thinking of a number. If I double it, I get 90. What is my number?

45

6. Patterns

Find the rule. Then finish the table.

In	Out
35	25
80	70
124	114
300	290

The rule is - 10

If In is 500, Out is 490

8. Find the mistake

Ruby says $372 + 254 = 626$.

Finn says $372 + 254 = 526$.

Who is right? Ruby

What did the other one do wrong?

Finn added 7 tens and 5 tens to get 12 tens but forgot to carry the extra hundred.