

United Arab Emirates
Ministry of Education



الإمارات العربية المتحدة
وزارة التربية والتعليم

Grade 5 Revision 2018-2019 Mathematics

Chapter 1 Place Value

Read each question. Then fill in the correct answer.

1. What is the expanded form of 340,729?

(A) $3 \times 10,000 + 4 \times 1,000 + 7 \times 100 + 2 \times 10 + 9 \times 1$
(B) $3 \times 100,000 + 4 \times 1,000 + 7 \times 100 + 2 \times 10 + 9 \times 1$
(C) $3 \times 100,000 + 4 \times 10,000 + 7 \times 100 + 2 \times 10 + 9 \times 1$
(D) $3 \times 10,000 + 4 \times 10,000 + 7 \times 100 + 2 \times 10 + 9 \times 1$

2. In which number does 4 have a value of 40,000?

(F) 345,629
(G) 532,471
(H) 429,376
(I) 4,720,890

3. The distance to the sun is about 93,000,000 miles. How is this number written in words?

(A) *ninety-three thousand*
(B) *ninety-three million*
(C) *ninety-three billion*
(D) *ninety-three trillion*

4. How is $\frac{7}{10}$ written as a decimal?

(F) 7.0
(G) 0.7
(H) 0.07
(I) 0.007

5. What is *seven hundred eighteen thousand, thirty-eight* in standard form.

(A) 708,038
(B) 708,830
(C) 718,830
(D) 718,038

6. What is the value of 3 in 735,229,981?

(F) 30,000,000
(G) 300,000
(H) 3,000,000
(I) 30,000

7. What is $2 \times 1,000 + 6 \times 100 + 5 \times 10 + 3 \times 1$ in standard form?

(A) 2,065
(B) 2,563
(C) 2,653
(D) 20,653

8. Which shows the numbers in order from least to greatest: 0.020, 0.022, 0.002, 0.202.

(F) 0.002, 0.020, 0.022, 0.202
(G) 0.202, 0.022, 0.020, 0.002
(H) 0.002, 0.022, 0.020, 0.202
(I) 0.202, 0.002, 0.020, 0.022

GO ON ►

Read each question. Then fill-in the correct answer.

9. Which number results in a true sentence in $345 < \underline{\hspace{2cm}}$?

- (A) 343
- (B) 344
- (C) 345
- (D) 346

12. There are eight rolls of paper towels in one package. There are four packages of paper towels in one box. There are ten boxes. How many rolls of paper towels are there?

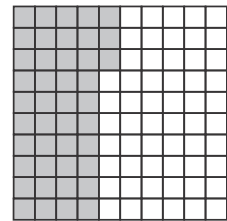
- (F) 32
- (G) 200
- (H) 300
- (I) 320

10. What is the word form of 1,504,200?

- (F) *one million, four hundred five thousand, two hundred*
- (G) *one million, five hundred four thousand, two hundred*
- (H) *ten million, five hundred forty thousand, two hundred*
- (I) *one hundred thousand, five hundred four thousand, two hundred*

13. Which fraction does the model represent?

- (A) $\frac{43}{10}$
- (B) $4\frac{3}{10}$
- (C) $\frac{43}{100}$
- (D) $4\frac{3}{100}$



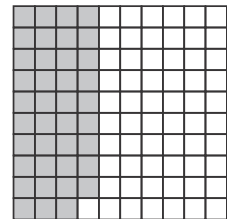
11. Landri ate 4 out of 10 grapes for a snack. Which decimal shows the number of grapes Landri ate?

- (A) 0.004
- (B) 0.04
- (C) 0.4
- (D) 4.0



14. Which decimal does the model represent?

- (F) 3.9
- (G) 3.09
- (H) 0.39
- (I) 0.039



Chapter 2 Multiply Whole Numbers

Read each question. Then fill in the correct answer.

1. There are 48 rows in the school auditorium. Each row can seat 12 people. If every row is full, how many people can be seated in the auditorium at the same time?

(A) 600
(B) 576
(C) 550
(D) 476

5. Bethany runs four miles every week. How many miles does she run in 16 weeks?

(A) 64
(B) 68
(C) 72
(D) 74



2. Find the product 200×7 mentally.

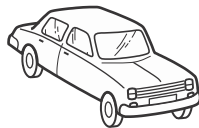
(F) 1,040
(G) 1,400
(H) 14,000
(I) 7×10^2

6. Which is the best estimate of 71×21 using rounding or compatible numbers?

(F) 1,200
(G) 1,400
(H) 12,000
(I) 14,000

3. A car dealer has 59 cars on its lot. Each car has four wheels. How many wheels are there altogether?

(A) 184
(B) 208
(C) 216
(I) 236



7. What is the value of 43×176 ?

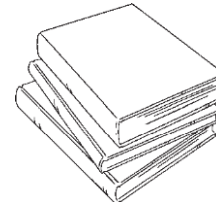
(A) 6,892
(B) 7,114
(C) 7,568
(D) 7,722

4. What is the value of 561×14 ?

(F) 5,588
(G) 6,014
(H) 6,612
(I) 7,854

8. A cabinet holds 23 books on each shelf. There are 12 shelves. How many books are there in the cabinet?

(F) 250
(G) 275
(H) 276
(I) 300



Read each question. Then fill in the correct answer.

9. There are three children in the Williams family. If each child has 28 teeth, how many teeth do the Williams children have altogether?

- Ⓐ 56
- Ⓑ 84
- Ⓒ 112
- Ⓓ 120

13. What is the value of 33×15 ?

- Ⓐ 315
- Ⓑ 435
- Ⓒ 495
- Ⓓ 505

10. There are thirteen girls in the 5th grade. Each girl has two barrettes in her hair. How many barrettes are in the class?

- Ⓕ 26
- Ⓖ 28
- Ⓗ 30
- Ⓘ 32

14. What is the value of 5×10^5 ?

- Ⓕ 5,000
- Ⓖ 50,000
- Ⓗ 500,000
- Ⓘ 5,000,000

11. There are 22 students in a classroom. Each student has five pencils. How many pencils are there altogether?

- Ⓐ 128
- Ⓑ 120
- Ⓒ 110
- Ⓓ 88

15. Which is the best estimate of 88×92 using rounding or compatible numbers?

- Ⓐ 1,800
- Ⓑ 7,200
- Ⓒ 8,000
- Ⓓ 8,100

12. What is the prime factorization for 50 using exponents?

- Ⓕ 1×50
- Ⓖ $2 \times 5 \times 5$
- Ⓗ 2×10^5
- Ⓘ 2×5^2

16. A souvenir shop has 4,000 boxes of cards in stock. Each box contains six cards. How many cards are there in stock?

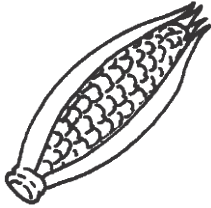
- Ⓕ 240
- Ⓖ 2,400
- Ⓗ 24,000
- Ⓘ 240,000



Chapter3: Divide by 1 divisor

Read each question. Fill in the correct answer.

1. A chef purchased 120 ears of corn at the farmer's market. The ears of corn are divided evenly into 5 bushels. How many ears of corn are in each bushel?



- (A) 24 ears of corn
- (B) 15 ears of corn
- (C) 8 ears of corn
- (D) 5 ears of corn

2. There are 68 players attending the baseball training camp. If the players are divided into groups of 4, how many groups are there?

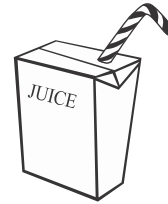


- (F) 27 groups
- (G) 20 groups
- (H) 17 groups
- (I) 7 groups

3. In 3 hours, Darla read 63 pages. If she read the same number of pages each hour, how many pages did Darla read in one hour?

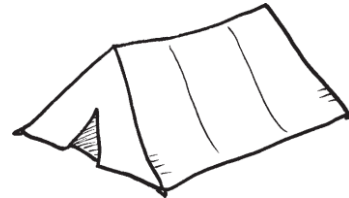
- (A) 20 pages
- (B) 21 pages
- (C) 31 pages
- (D) 33 pages

4. A grocery store has 240 juice drinks on its shelves. The juice drinks are in packs of 6 each. How many packs are there altogether?



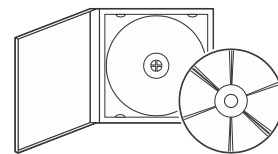
- (F) 14 packs
- (G) 20 packs
- (H) 24 packs
- (I) 40 packs

5. There are 375 students in attendance at the summer camp. The students are divided equally into groups of 5. How many groups are there?



- (A) 75 students
- (B) 80 students
- (C) 85 students
- (D) 90 students

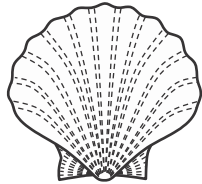
6. Brandon has a cabinet with 4 shelves. The cabinet can hold 1,600 CDs. If the shelves each hold the same number of CDs, how many CDs does each shelf hold?



- (F) 350 CDs
- (G) 375 CDs
- (H) 400 CDs
- (I) 425 CDs

GO ON ►

7. Carrie has 56 seashells in her collection. She stores the seashells in display cases that hold 8 seashells per case. How many display cases are filled with seashells?



- (A) 10 cases (C) 7 cases
 (B) 9 cases (D) 6 cases

8. Sam spent \$24 on lunch for himself and his friends. The price of each item is shown in the table below. If he bought twice as many drinks as sandwiches, how many of each item did he buy?

Deli Prices	
Sandwich	\$4
Drink	\$2

- (F) 2 sandwiches, 4 drinks
 (H) 4 sandwiches, 8 drinks
 (G) 4 sandwiches, 4 drinks
 (I) 3 sandwiches, 6 drinks

9. Jackie counts 28 legs on 8 animals. If the animals are either zebras or peacocks, how many zebras are there?
- (A) 4 zebras (C) 6 zebras
 (B) 5 zebras (D) 7 zebras

10. There are 150 people seated in the theater for a play. There are 5 rows in the theater, each with the same number of seats. If the auditorium is completely filled, how many seats are in each row?



- (F) 20 seats (H) 60 seats
 (G) 30 seats (I) 100 seats

11. Rita biked 75 miles in 3 weeks. If she biked the same number of miles every week, how many miles did she bike each week?



- (A) 30 miles (C) 20 miles
 (B) 25 miles (D) 15 miles

12. A bakery owner needs 30 ounces of vanilla. How many 6-ounce bottles of vanilla must the owner buy?



- (F) 10 bottles (H) 5 bottles
 (G) 8 bottles (I) 4 bottles



Chapter 4 : Divide by a 2-digit

Read each question. Fill in the correct answer.

1. There are 481 students hiking at Black Mountain Trail. There are 24 adults, and each adult is assigned the same number of students. About how many students are assigned to each adult?



- (A) about 21 students
(B) about 20 students
(C) about 17 students
(D) about 12 students
2. There are 576 crickets divided equally in 12 plastic containers. How many crickets are in each container?



- (F) 32 crickets (H) 50 crickets
(G) 48 crickets (I) 60 crickets
3. Cassie has 396 pictures to put in her album. If her album has 44 pages, how many pictures can she put on each page?



- (A) 12 pictures (C) 9 pictures
(B) 10 pictures (D) 8 pictures

4. The gym teacher spent \$165 on exercise balls. If each exercise ball cost \$11 dollars, how many exercise balls did he buy?



- (F) 15 exercise balls
(G) 16 exercise balls
(H) 20 exercise balls
(I) 65 exercise balls

5. The Grand Hotel has 15 floors and a total of 1,005 rooms. If each floor has the same number of rooms, how many rooms are on each floor?

- (A) 70 rooms
(B) 67 rooms
(C) 65 rooms
(D) 57 rooms

6. Alyssa worked 216 hours last year. If she worked the same number of hours each month, how many hours did she work each month?

- (F) 20 hours
(G) 19 hours
(H) 18 hours
(I) 17 hours

GO ON ►

7. William went to the store with his mother. He wants to buy a small action figure that costs 94¢. The number of coins in his pocket is shown in the table below. How many quarters does he have?

Number of Coins	
Quarter	?
Dime	3
Nickel	2
Penny	4

- Ⓐ 1 quarter
- Ⓑ 2 quarters
- Ⓒ 3 quarters
- Ⓓ 4 quarters

8. A jar of peanut butter has 27,306 calories. If there are 18 servings in each jar, how many calories are in one serving?

- Ⓕ 1,200 calories
- Ⓖ 1,463 calories
- Ⓗ 1,517 calories
- Ⓘ 1,681 calories



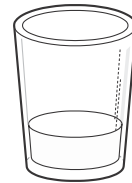
9. A theater earned \$87,890 in ticket sales. If each ticket cost \$55, how many tickets were sold?

- Ⓐ 2,000 tickets
- Ⓑ 1,598 tickets
- Ⓒ 1,423 tickets
- Ⓓ 181 tickets

10. Marcella bought a house for \$87,264. If she makes 96 equal payments, how much in dollars will she pay each month?

- Ⓕ \$809
- Ⓖ \$909
- Ⓗ \$1,000
- Ⓘ \$1,009

11. Tami drinks 2,916 glasses of water in one year. How many glasses of water does she drink in 7 months?



- Ⓐ 1,701 glasses
- Ⓑ 1,170 glasses
- Ⓒ 1,071 glasses
- Ⓓ 417 glasses



Chapter 5 : Add and Subtract decimals**Read each question. Then fill in the correct answer.**

1. Herman finished all 7 math questions in 35 minutes. If each question took the same amount of time, how long did it take Herman to complete each question?

Ⓐ 5 min
Ⓑ 6 min
Ⓒ 7 min
Ⓓ 8 min

4. Zina is reading a 968-page book. She wants to finish the book in 8 days. How many pages does Zina need to read each day?

Ⓕ 100 days
Ⓖ 121 days
Ⓗ 125 days
Ⓘ 131 days

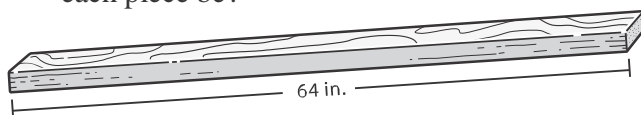
2. Kathy and her friends are playing a game. Kathy divided all 20 playing cards equally among 4 players. How many cards did each player receive?

Ⓕ 3 cards
Ⓖ 4 cards
Ⓗ 5 cards
Ⓘ 6 cards

5. Jasper completed the first race in 2.3 minutes and the second race in 2.4 minutes. About how many minutes did it take for him to finish the two races?

Ⓐ 5 min
Ⓑ 6 min
Ⓒ 7 min
Ⓓ 8 min

3. Isaac is helping his mom build a tree house. Isaac is dividing the board shown below into 8 equal pieces. How long will each piece be?



Ⓐ 8 in.
Ⓑ 6 in.
Ⓒ 4 in.
Ⓓ 2 in.

6. Samantha has \$2.21 in her pants pocket. She finds \$2.53 in her coat pocket. About how much money does she have altogether?

Ⓕ \$3.00
Ⓖ \$4.00
Ⓗ \$5.00
Ⓘ \$6.00

7. Omar has saved a total of \$3,168 in the past year. If he saved the same amount each month, how much money did Omar save each month?

Ⓐ \$264
Ⓑ \$265
Ⓒ \$270
Ⓓ \$275

8. Tora bought a notebook for \$1.19, a pack of pencils for \$0.89, and a new backpack for \$13.99. To the nearest dollar, about how much did Tora spend in all?

Ⓕ \$15
Ⓖ \$16
Ⓗ \$17
Ⓘ \$18

9. Tom paid \$3.49 for a sandwich, \$1.25 for pretzels, and \$2.25 for a drink. How much did Tom pay in all?

Ⓐ \$7.99
Ⓑ \$7.00
Ⓒ \$6.99
Ⓓ \$6.00

10. Below are the prices for gasoline at three different stations.

Unleaded Gasoline Prices	
Station A	\$2.79
Station B	\$2.49
Station C	\$2.44

How much more is the gasoline at Station A than at Station C?

Ⓕ \$3.00
Ⓖ \$0.35
Ⓗ \$0.30
Ⓘ \$0.03

11. The library is 5.4 miles from Roxanne's house. The school is 9.3 miles from Roxanne's house. How much farther is the school than the library from Roxanne's house?

Ⓐ 4.0 miles
Ⓑ 3.9 miles
Ⓒ 3.1 miles
Ⓓ 2.9 miles

12. Kira purchases a book that costs \$26.95. She pays for the book with \$30. How much change should she receive?

Ⓕ \$3.05
Ⓖ \$3.00
Ⓗ \$2.05
Ⓘ \$1.05

