

Book 2 Review

You will now practice all the skills you learned in Book 2. Check your work using the answer key at the end of the review.

If you can't remember how to do a question, go back to the lesson on this topic to refresh your memory. The unit and topic for where each question came from is listed next to the question.

Example: **1-B** means Unit 1, Topic B

1-B

A. Write the place value names (ones, tens, hundreds, thousands, ten thousands, hundred thousands, millions) for each underlined digit.

a) 1 230 _____ b) 234 965 _____

c) 6 245 903 _____ d) 62 198 _____

B. Using the number below, write the digit that is in each of the following place values.

452 781 039

a) tens _____ b) ten thousands _____

c) hundred thousands _____ d) millions _____

C. Underline the digit for the place value named.

a) thousands 182 374 b) hundreds 1 051

c) hundred thousands 3 142 650 d) thousands 21 087

D. Write the word names for the numbers.

a) 63 374 _____

b) 7 248 _____

E. Write numerals for these word names.

a) three million, two hundred fourteen thousand, five hundred sixty-seven

b) fifty-one thousand, two hundred two _____

1-C

F. Write each number in expanded form.

a) 3 479 _____

b) 21 016 _____

G. Write each number from expanded form.

i. $4\,000\,000 + 100\,000 + 10\,000 + 3\,000 + 200 + 40 + 8 =$ _____

ii. $100\,000 + 80\,000 + 2\,000 + 300 + 4 =$ _____

1-D

H. Arrange these numbers in order from smallest to largest.

a) 312 23 2 154 2 514 633 43 5 412

b) 45 554 544 5 454 5 544 55 454 445

I. Write $<$, $>$ or $=$ in each blank as needed.

a) 76 125 _____ 71 625 b) 4 325 _____ 3 425

c) 14 527 _____ 14 752 d) 65 234 _____ 65 234

1-E**J. Round each number to the nearest 100.**

a) 672 _____

b) 3 473 _____

K. Round each number to the nearest 1 000.

a) 41 370 _____

b) 64 921 _____

L. Round each number to the nearest 10 000.

a) 76 125 _____

b) 582 412 _____

M. Round each number to the nearest 100 000.

a) 351 257 _____

b) 8 675 247 _____

N. Round each number to the nearest 1 000 000.

a) 7 351 257 _____

b) 4 165 268 _____

O. Word Problems.

- i. The Bering Sea is 1 547 metres deep. The Caribbean Sea is 2 647 metres deep. The Indian Ocean is 3 963 metres deep. The Pacific Ocean is 4 028 metres deep. Round each number to the nearest 100.

Sea	Number	Rounded Number
Bering Sea		
Caribbean Sea		
Indian Ocean		
Pacific Ocean		

- b) The Yellow Sea has an area of 293 960 square metres. The Red Sea has an area of 452 990 square metres. The Black Sea has an area of 507 900 square metres. Round each number to the nearest 100 000.

Sea	Number	Rounded Number
Yellow Sea		
Red Sea		
Black Sea		

2-A

P. Find the sums.

$$\begin{array}{r} \text{a)} \quad 53 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b)} \quad 60 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c)} \quad 74 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d)} \quad 21 \\ 45 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e)} \quad 41 \\ 33 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f)} \quad 50 \\ 31 \\ + 28 \\ \hline \end{array}$$

Q. Find the sums.

$$\begin{array}{r} \text{a)} \quad 362 \\ 114 \\ + 523 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b)} \quad 425 \\ 241 \\ + 312 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c)} \quad 421 \\ 146 \\ + 332 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d)} \quad 4\,723 \\ + 4\,165 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e)} \quad 8\,102 \\ + 2\,562 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f)} \quad 9\,415 \\ + 3\,521 \\ \hline \end{array}$$

R. Find the sums.

a) $65 + 423 =$

b) $238 + 5\,421 =$

c) $43 + 732 + 124 =$

d) $8\,216 + 7\,343 =$

e) $75\,236 + 30\,533 =$

f) $543 + 2\,140 + 67\,205 =$

2-B

S. Find the sums.

a)
$$\begin{array}{r} 47 \\ + 87 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 87 \\ + 59 \\ \hline \end{array}$$

c)
$$\begin{array}{r} 26 \\ + 98 \\ \hline \end{array}$$

d)
$$\begin{array}{r} 63 \\ 79 \\ + 51 \\ \hline \end{array}$$

e)
$$\begin{array}{r} 72 \\ 54 \\ + 19 \\ \hline \end{array}$$

f)
$$\begin{array}{r} 65 \\ 26 \\ + 87 \\ \hline \end{array}$$

T. Find the sums.

$$\begin{array}{r} \text{a)} \quad 148 \\ + 996 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b)} \quad 9\,168 \\ + 5\,878 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c)} \quad 78\,945 \\ + 93\,165 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d)} \quad 592 \\ 327 \\ + 168 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e)} \quad 5\,534 \\ 1\,684 \\ + 3\,719 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f)} \quad 24\,163 \\ 46\,272 \\ + 61\,938 \\ \hline \end{array}$$

U. Find the sums.

$$\text{a)} \quad 85 + 29 + 77 =$$

$$\text{b)} \quad 692 + 7\,834 + 8\,096 =$$

$$\text{c)} \quad 43\,124 + 9\,517 =$$

$$\text{d)} \quad 358\,726 + 81\,297 + 3\,216 =$$

2-C

V. Estimate the sums.

$$\begin{array}{r} \text{a)} \quad 582 \\ 690 \\ + 163 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b)} \quad 1\,637 \\ 6\,835 \\ + 3\,175 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c)} \quad 81\,904 \\ \quad 54\,061 \\ + 15\,243 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d)} \quad 42\,563 \\ \quad 4\,163 \\ + 6\,429 \\ \hline \end{array}$$

W. Word Problems. Estimate the following answer. Be sure to round to the largest place value before adding.

- a) Indonesia has 7 606 square kilometres of coral reef. Australia has 7 299 square kilometres of coral reef. The Philippines has 3 736 square kilometres of coral reef. Estimate how much coral reef there is in these three countries.

3-B

X. Find the differences.

$$\begin{array}{r} \text{a)} \quad 76 \\ - 35 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b)} \quad 98 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c)} \quad 863 \\ - 410 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d)} \quad 1\,294 \\ - 681 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e)} \quad 9\,758 \\ - 9\,421 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f)} \quad 16\,789 \\ - 9\,205 \\ \hline \end{array}$$

$$\begin{array}{r} \text{g)} \quad 48\,296 \\ - 25\,134 \\ \hline \end{array}$$

$$\begin{array}{r} \text{h)} \quad 95\,627 \\ - 63\,025 \\ \hline \end{array}$$

$$\begin{array}{r} \text{i)} \quad 145\,789 \\ - 61\,425 \\ \hline \end{array}$$

Y. Rewrite each question in columns then find the differences.

$$\text{a)} \quad 569 - 421 =$$

$$\text{b)} \quad 7\,854 - 1\,304 =$$

$$\text{c)} \quad 15\,939 - 6\,714 =$$

$$\text{d)} \quad 86\,579 - 23\,104 =$$

$$\text{e)} \quad 157\,849 - 86\,531 =$$

$$\text{f)} \quad 136\,975 - 72\,041 =$$

3-D

Z. Find the differences.

$$\begin{array}{r} \text{a)} \quad 22 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b)} \quad 43 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c)} \quad 782 \\ - 43 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d)} \quad 981 \\ - 52 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e)} \quad 894 \\ - 265 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f)} \quad 943 \\ - 492 \\ \hline \end{array}$$

AA. Find the differences. Check your answers using addition.

$$\begin{array}{r} \text{a)} \quad 91 \\ - 28 \\ \hline \end{array} \quad \text{Check:}$$

$$\begin{array}{r} \text{b)} \quad 532 \\ - 240 \\ \hline \end{array} \quad \text{Check:}$$

$$\begin{array}{r} \text{c)} \quad 1\,751 \\ - 835 \\ \hline \end{array} \quad \text{Check:}$$

$$\begin{array}{r} \text{d)} \quad 76\,487 \\ - 5\,179 \\ \hline \end{array} \quad \text{Check:}$$

BB. Find the differences.

$$\begin{array}{r} \text{a)} \quad 468 \\ - 79 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b)} \quad 752 \\ - 479 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c)} \quad 9\,364 \\ - 580 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d)} \quad 8\,323 \\ - 4\,798 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e)} \quad 52\,727 \\ - 3\,748 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f)} \quad 62\,435 \\ - 17\,689 \\ \hline \end{array}$$

CC. Find the differences.

a)
$$\begin{array}{r} 420 \\ - 68 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 900 \\ - 325 \\ \hline \end{array}$$

c)
$$\begin{array}{r} 3\,403 \\ - 849 \\ \hline \end{array}$$

d)
$$\begin{array}{r} 3\,914 \\ - 1\,765 \\ \hline \end{array}$$

e)
$$\begin{array}{r} 46\,010 \\ - 7\,143 \\ \hline \end{array}$$

f)
$$\begin{array}{r} 53\,610 \\ - 46\,929 \\ \hline \end{array}$$

DD. Rewrite each question in columns then find the difference.

a) $973 - 178 =$

b) $5\,129 - 479 =$

c) $3\,730 - 2\,896 =$

d) $91\,220 - 78\,357 =$

3-E

EE. Estimate the differences.

a)
$$\begin{array}{r} 872 \\ - 465 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 6\,324 \\ - 389 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c)} \quad 56\,907 \\ - 9\,014 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d)} \quad 64\,932 \\ - 6\,755 \\ \hline \end{array}$$

FF. Estimate the following answers. Be sure to round to the largest place value possible before adding or subtracting. Remember to circle the information and underline what is being asked. Check your work using the answer key at the end of the exercise.

- a) When Mrs. Wu traded in her old car, it had 72 468 kilometres on the odometer. The new used car she bought had 8 975 kilometres on the odometer. Estimate the difference in kilometres between her old car and her new car.
- b) Mario's restaurant served 53 058 meals last year. This year to date, the restaurant has served 5 837 meals. Estimate how many more meals Mario's restaurant served last year.

3-F

GG. Word Problems. Use the 5 problem solving steps. Look for key words and patterns to help you choose the correct operation. Estimate the answer using rounded numbers if the numbers have 2 digits or more.

- a) The WAC Bennett Dam near Revelstoke is 2 068 metres long. The Keenleyside Dam near Castlegar is 853 metres long. The Mica Dam near Revelstoke is 241 metres long. What is the total length of the three dams?

- b) Raoul earned \$35 668 last year. This year he has earned \$42 791. How much more did Raoul earn this year?

- c) During one month, Jasmine spends 12 645 minutes sleeping and 5 723 minutes eating. How much time does she spend sleeping and eating?

HH. Find the sum or difference for each question.

a) $273 + 538 - 154 =$

b) $2\,875 - 496 + 162 =$

c) $2\,998 + 579 - 673 =$

d) $4\,723 + 5\,806 - 3\,924 =$

- e) Abigail earned \$383 and \$622 from her two jobs. She decided to keep \$265 for her Christmas shopping and put the rest of the money in the bank. Estimate how much money Abigail put in the bank

4-A

II. Circle the number of coins you would need to get from the first number to the second number. Make sure to use the least number of coins you can.

- a) 48¢ to 50¢



- b) 70¢ to 75¢



c) 80¢ to \$1.00



d) 50¢ to 75¢



4-B

JJ. State the number and kind of coins you would need to get from the first number to the second number. Make sure you use the least number of coins as possible.

a) 28¢ to 50¢

b) 70¢ to 75¢

c) 17¢ to 75¢

KK. State the number and kind of coins you would need to get change from \$1.00. Make sure you use the least number of coins as possible. Check your work using the answer key at the end of the exercise.

a) 37¢

b) 51¢

c) 67¢

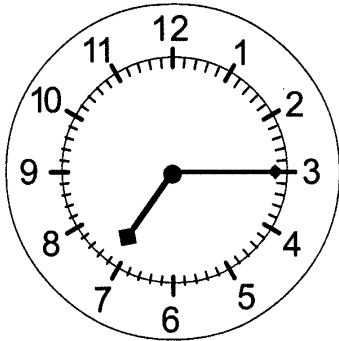
d) a litre of pop for 94¢

e) an apple pastry for 59¢

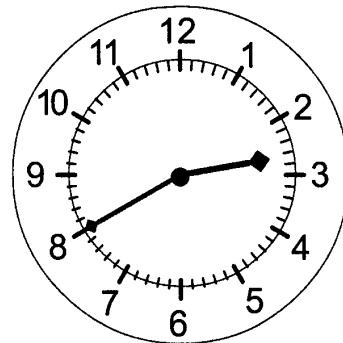
4-C

LL. Write the time shown on each clock.

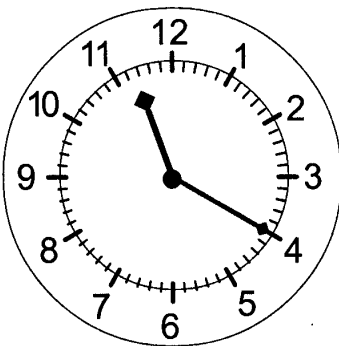
a)



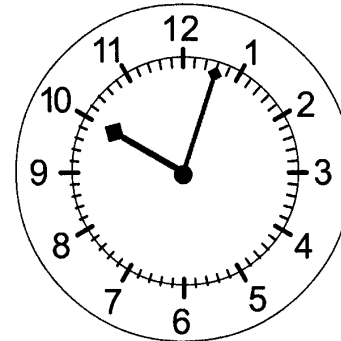
b)



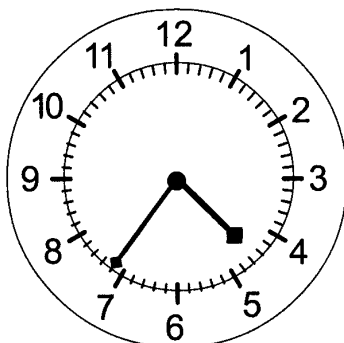
c)



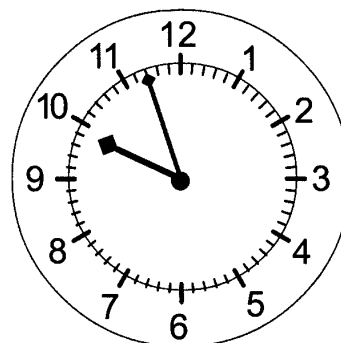
d)



e)

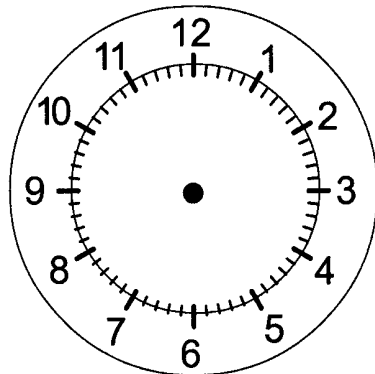


f)



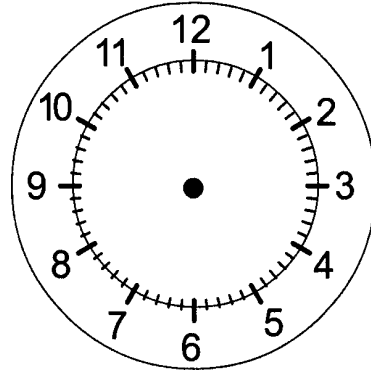
MM. Under each clock is a time on a digital clock. Put the hands on the analog clock to show the digital time.

a)



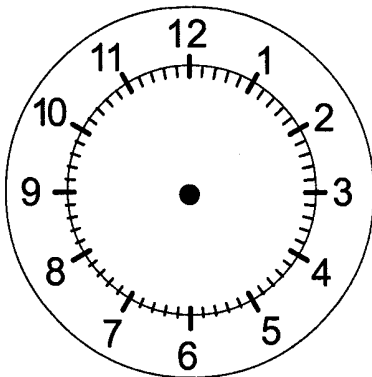
1:35

b)



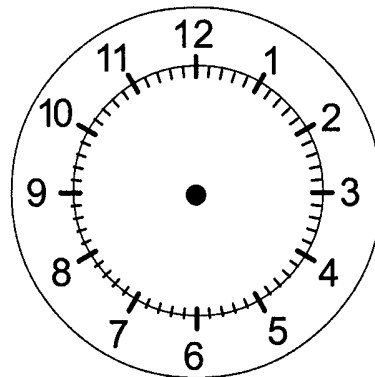
12:05

c)



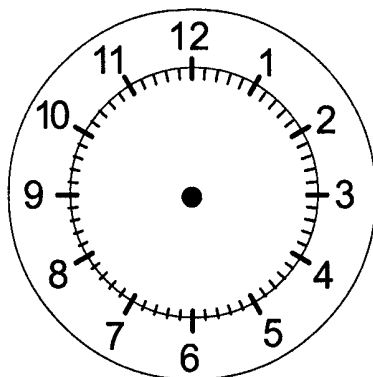
5:10

d)



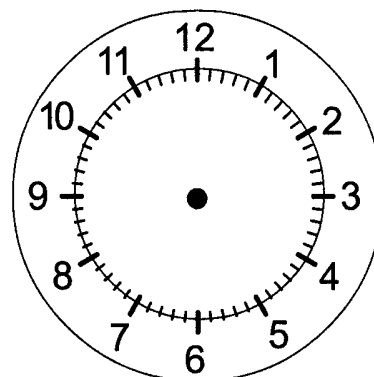
8:22

e)



3:47

f)



6:52

NN. Change each 12-hour clock time to 24-hour clock time. Watch carefully for a.m. and p.m. Remember: only times between 1:00 p.m. and 11:59 p.m. need to be changed.

a) 7:32 a.m.

b) 11:06 p.m.

c) 2:43 p.m.

d) 10:18 a.m.

OO. Change each 12-hour clock time to 24-hour clock time. Watch carefully for a.m. and p.m. Remember: only times between 1:00 p.m. and 11:59 p.m. need to be changed.

a) 0127

b) 1548

c) 0612

d) 2053

4-D

PP. Add the times.

a)
$$\begin{array}{r} 5 \text{ h, } 32 \text{ min} \\ + 4 \text{ h, } 21 \text{ min} \\ \hline \end{array}$$

b)
$$\begin{array}{r} 3 \text{ h, } 27 \text{ min} \\ + 2 \text{ h, } 19 \text{ min} \\ \hline \end{array}$$

c)
$$\begin{array}{r} 7 \text{ h, } 41 \text{ min, } 23 \text{ s} \\ + 9 \text{ h, } 07 \text{ min, } 24 \text{ s} \\ \hline \end{array}$$

d)
$$\begin{array}{r} 6 \text{ h, } 15 \text{ min, } 08 \text{ s} \\ + 8 \text{ h, } 28 \text{ min, } 17 \text{ s} \\ \hline \end{array}$$

- f) Evian took 2 h, 43 min to bake some cookies and then another 3 h, 08 min to bake and decorate a cake. How long was Evian baking?

QQ. Subtract the times.

a)
$$\begin{array}{r} 5 \text{ h}, 53 \text{ min} \\ - 3 \text{ h}, 12 \text{ min} \\ \hline \end{array}$$

b)
$$\begin{array}{r} 9 \text{ h}, 47 \text{ min} \\ - 4 \text{ h}, 29 \text{ min} \\ \hline \end{array}$$

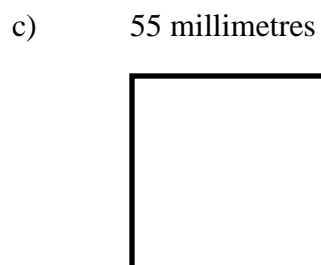
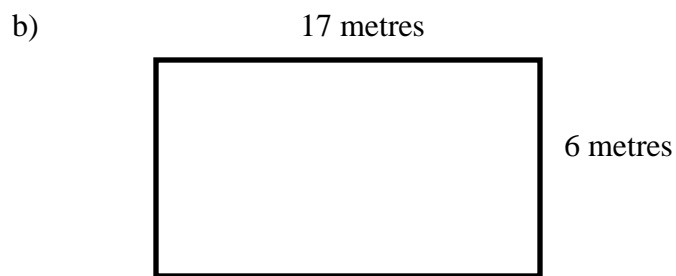
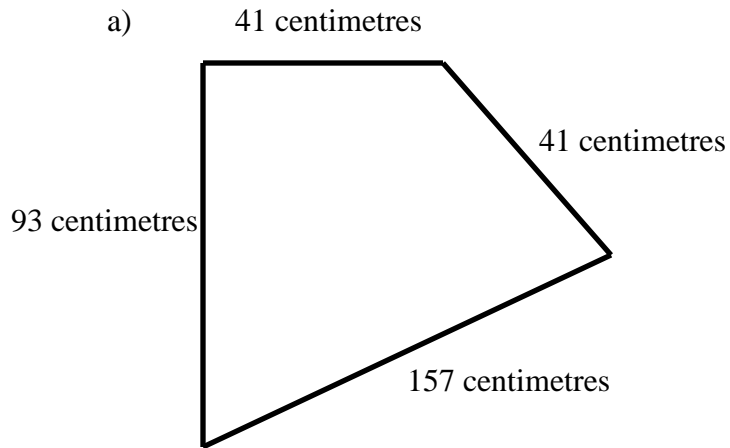
c)
$$\begin{array}{r} 15 \text{ h}, 59 \text{ min}, 39 \text{ s} \\ - 7 \text{ h}, 38 \text{ min}, 14 \text{ s} \\ \hline \end{array}$$

d)
$$\begin{array}{r} 18 \text{ h}, 34 \text{ min}, 42 \text{ s} \\ - 9 \text{ h}, 19 \text{ min}, 28 \text{ s} \\ \hline \end{array}$$

- e) Elan had 4 h, 31 min to do her errands. She took 2 h, 28 min to have her hair done. How much does Elan have left to finish her errands?

4-E

RR. Find the perimeter of the shape. Be sure to put the unit of measure in your answer.



- d) Kono is going to put tape around a rectangular table. He has 2 500 cm of tape. The table measures 60 centimetres wide and 70 centimetres long. how much tape will he use?

- e) Charla wants to put a ribbon around the edge of a square whose side measures 112 cm. How much ribbon does she need?

Answers to Book 2 Review

A.

- a) hundreds b) ten thousands c) millions d) ones

B.

- a) 3 b) 8 c) 7 d) 2

C.

- a) 182 374 b) 1 0 51 c) 3 1 42 650 d) 21 087

D.

- a) sixty-three thousand, three hundred seventy-four b) seven thousand, two hundred forty-eight

E.

- a) 3 214 567 b) 51 202

F.

- a) 3 000 + 400 + 70 + 9 b) 20 000 + 1 000 + 10 + 6

G.

- a) 4 133 248 b) 182 304

H.

- a) 23 43 312 633 2 154 2 514 5 412 b) 45 55 445 454 544 554 5 454 5 544

I.

- a) > b) > c) < d) =

J.

- a) 700 b) 3 500

K.

- a) 41 000 b) 65 000

L.

- a) 80 000 b) 580 000

M.

- a) 400 000 b) 8 700 000

N.

- a) 7 000 000 b) 4 000 000

O.

a)

Sea	Number	Rounded Number
Bering Sea	1 547	1 500
Caribbean Sea	2 647	2 600
Indian Ocean	3 963	4 000
Pacific Ocean	4 028	4 000

Sea	Number	Rounded Number
Yellow Sea	293 960	300 000
Red Sea	452 990	500 000
Black Sea	507 900	500 000

P.

- a) 77 b) 79 c) 96 d) 98 e) 98 f) 109

Q.

- a) 999 b) 978 c) 899 d) 8 888 e) 10 664 f) 12 936

R.

- a) 488 b) 5 659 c) 899 d) 15 559 e) 105 769 f) 69 888

S.

- a) 134 b) 146 c) 124 d) 193 e) 145 f) 178

T.

- a) 1 144 b) 15 046 c) 172 100 d) 1 187 e) 10 937 f) 132 373

U.

- a) 191 b) 16 622 c) 52 641 d) 443 239

V.

- a) $600 + 700 + 200 = 1\,500$ b) $2\,000 + 7\,000 + 3\,000 = 12\,000$
c) $80\,000 + 50\,000 + 20\,000 = 150\,000$ d) $43\,000 + 4\,000 + 6\,000 = 53\,000$

W.

- a) $8\,000 + 7\,000 + 4\,000 = 19\,000$ square kilometres

X.

- a) 41 b) 71 c) 453 d) 613 e) 337 f) 7 584
g) 23 162 h) 32 602 i) 84 364

Y.

- a) 148 b) 6 550 c) 9 225 d) 63 475 e) 71 318 f) 64 934

Z.

- a) 18 b) 28 c) 739 d) 924 e) 629 f) 451

AA.

- a) $63, 63 + 28 = 91$ b) $292, 292 + 240 = 532$ c) $916, 916 + 835 = 1\,751$
d) $71\,208, 71\,308 + 5\,179 = 76\,487$

BB.

- a) 389 b) 273 c) 8 784 d) 3 525 e) 48 979 f) 44 746

CC.

- a) 352 b) 875 c) 2 554 d) 2 149 e) 38 867 f) 6 681

DD.

- a) 795 b) 4 650 c) 834 d) 12 863

EE.

- a) $900 - 500 = 400$ b) $6\,300 - 400 = 5\,900$ c) $57\,000 - 9\,000 = 48\,000$
d) $65\,000 - 7\,000 = 58\,000$

FF.

a) $70\,000 - 9\,000 = 61\,000$ kilometres

b) $50\,000 - 6\,000 = 44\,000$ meals

GG.

a) 3 162 metres

b) \$7 123

HH.

a) 657

b) 2 541

c) 2 904

d) 6 605

e) \$740

II.

a) 2 pennies

b) 1 nickel

c) 2 dimes

d) 1 quarter

JJ.

a) 2 pennies, 2 dimes

b) 1 nickel

c) 3 pennies, 1 nickel, 2 quarters

KK.

a) 3 pennies, 1 dime, 2 quarters

b) 4 pennies, 2 dimes, 1 quarter

c) 3 pennies, 1 nickel, 1 quarter

d) 1 penny, 1 nickel

e) 1 penny, 1 nickel, 1 dime, 1 quarter

LL.

a) 7:15

b) 3:40

c) 11:20

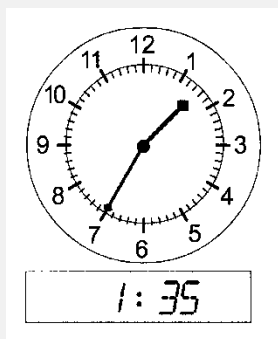
d) 10:03

e) 4:36

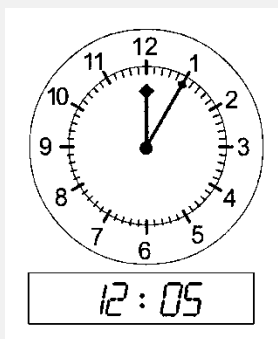
f) 9:57

MM.

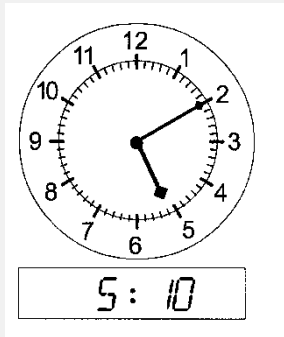
a)



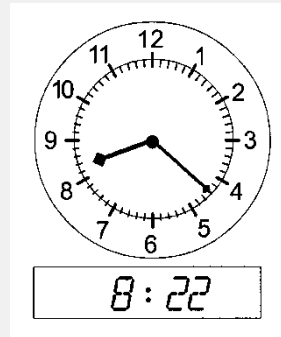
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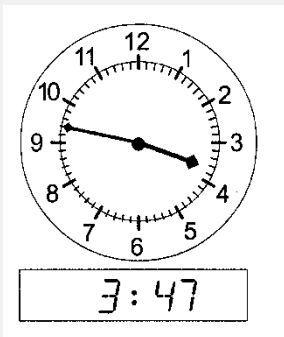
c)



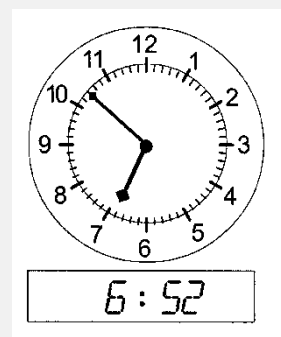
d)



e)



f)



NN.

- a) 0732 b) 2306 c) 1443 d) 1018

OO.

- a) 1:27 p.m. b) 3:48 p.m. c) 6:12 a.m. d) 8:53 p.m.

PP.

- a) 9 h, 53 min b) 5 h, 46 min c) 16 h, 48 min, 47 s d) 14 h, 43 min, 25 s

QQ.

- a) 2 h, 41 min b) 5 h, 18 min c) 8 h, 21 min, 25 s d) 9 h, 15 min, 14 s

RR.

- a) 332 centimetres b) 46 metres c) 220 millimetres d) 260 centimetres
e) 448 centimetres

CONGRATULATIONS!!

Now you have finished Book 2.

TEST TIME!

Ask your instructor for the Practice Test for this book.

Once you've done the practice test,
you need to do the end test.

Again, ask your instructor for this.

Good luck!