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MATH success

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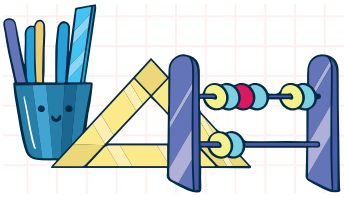
GRADE 4

Practice Mathematics workbook for English Program (EP) students

แบบฝึกหัดวิชาคณิตศาสตร์ ฉบับภาษาอังกฤษ สำหรับนักเรียนห้องเรียนภาคภาษาอังกฤษ (EP)

Ramita Netsuwan
รมิตา เนตรสุวรรณ

จัดจำหน่ายโดย IDC PREMIER



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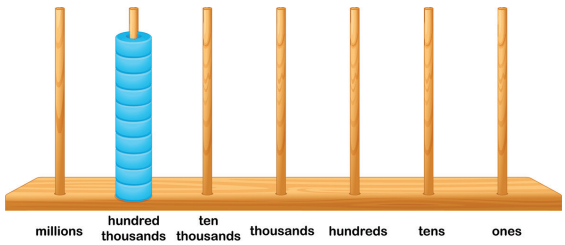
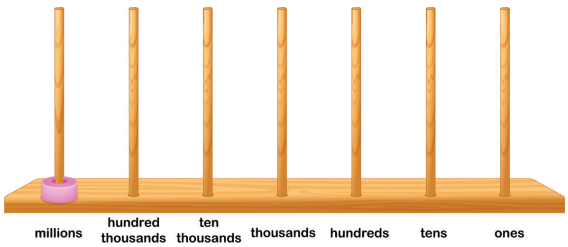
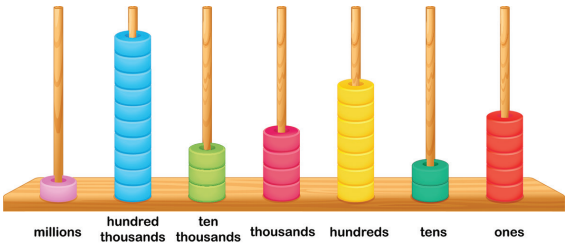
Numbers from 1,000,000 up to 10,000,000

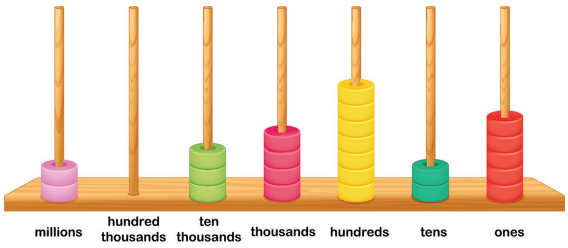




It is same as the previous. If you add more than 9 beads, you have to switch to 0 and the value in the column to the left will increase by one. So, you have to take all beads away from the hundred thousands and replace 1 bead in the millions.

10 hundred thousands is equal to 1 million. So, you can write in Hindu-Arabic numerals as 1,000,000 or ๑,๐๐๐,๐๐๐ in Thai numerals and write in words as one million.





In the above picture, the numbers in each digit are 1 millions, 10 hundred thousands, 3 ten thousands, 4 thousands, 7 hundreds, 2 tens and 5 ones. So, you have to take all beads away from the hundred thousands and add 1 bead in the millions, the number in each digit will become 2 millions, 0 hundred thousands, 3 ten thousands, 4 thousands, 7 hundreds, 2 tens and 5 ones. It can write in Hindu-Arabic as 2,034,725 or ๒,๐๓๔,๗๒๕ in Thai numerals and you can write in the words as two million, thirty-four thousand, seven hundred and twenty-five.

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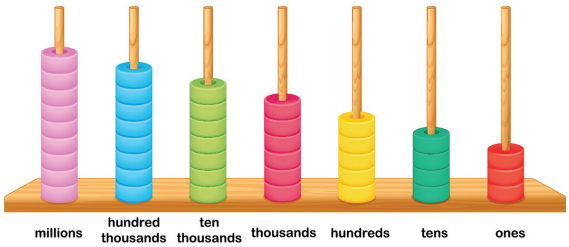
Exercise 5

SCORE

Write in the words, Hindu-Arabic and Thai numerals from the picture.

Example



Write in the words.

nine million, eight hundred and seventy-six thousand, five hundred and forty-three

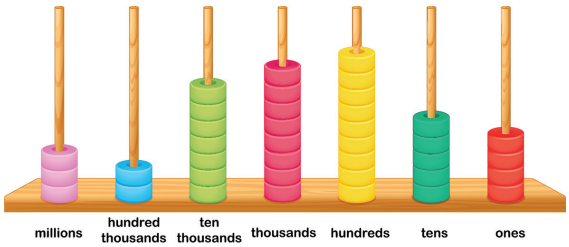
Write in Hindu-Arabic numerals.

9,876,543

Write in Thai numerals.

๙,๘๗๖,๕๔๓

1.

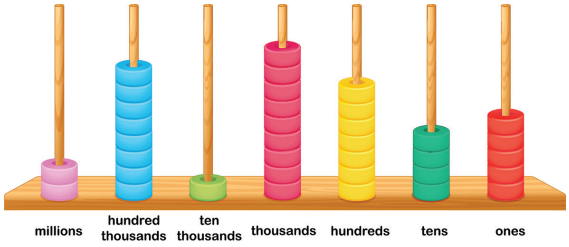


Write in the words.

Write in Hindu-Arabic numerals.

Write in Thai numerals.

2.



Write in the words.

Write in Hindu-Arabic numerals.

Write in Thai numerals.

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Exercise 16

SCORE

Fill the blank.

1. 60,641,341 = 60,000,000 + _____ + 40,000 + 1,000 + 300 + 40 + 1
2. 640,301,314 = _____ + 40,000,000 + 300,000 + 1,000 + 300 + 10 + 4
3. 8,601,394 = 8,000,000 + 600,000 + 1,000 + _____ + 90 + 4
4. 48,613 = 40,000 + _____ + 600 + 10 + 3
5. 55,612 = _____ + 5,000 + 600 + 10 + 2
6. 976,413 = 900,000 + 70,000 + _____ + 400 + 10 + 3
7. 23,059,601 = 20,000,000 + _____ + 50,000 + 9,000 + 600 + 1
8. 90,601,513 = 90,000,000 + _____ + 1,000 + 500 + 10 + 3
9. 7,501,451 = _____ + 500,000 + 1,000 + 400 + 50 + 1
10. 13,364 = 10,000 + 3,000 + _____ + 60 + 4

Comparing number

To comparing the numbers, we use 3 signs:

=	When two values are equal, we use the “equals” sign.	10 = 5 + 5 means 10 is equal to 5 + 5
<	When one value is smaller than another, we use “less than” sign.	20 < 50 means 20 is less than 50
>	When one value is bigger than another, we use “greater than” sign.	50 > 15 means 50 is greater than 15

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Exercise 27

SCORE

Fill the answer.

1. 391,641 + 361,364 + 139,191 = _____

2. 364,397 + 136,613 + 215,034 = _____

3. 398,528 + 431,341 + 136,346 = _____

4. 236,137 + 256,134 + 301,212 = _____

5. 361,311 + 153,249 + 321,341 = _____

6. 443,321 + 201,965 + 324,364 = _____

7. 134,684 + 368,136 + 236,492 = _____

8. 136,371 + 264,384 + 126,394 = _____

9. 613,341 + 161,364 + 136,341 = _____

10. 234,341 + 315,641 + 213,144 = _____

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Exercise 28

SCORE

Show the solution and fill the answer.

1. (313,194 + 131,361) + 231,137 = _____

2. (231,453 + 135,241) + 236,498 = _____

3. (346,132 + 136,164) + 431,397 = _____

4. (161,389 + 461,364) + 231,541 = _____

5. (136,364 + 497,123) + 236,141 = _____

6. (231,341 + 361,984) + 311,361 = _____

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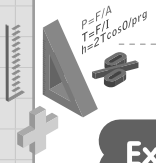

Exercise 53

SCORE

Write the mathematical sentence by given word problems.

1. The hotel has 62 floors. There are 138 rooms on each floor. How many rooms does the hotel have?
Write the mathematical sentence: _____

2. She sells 235 beds in a year. It is 2,563 baht each. How much money does she get in a year?
Write the mathematical sentence: _____

3. Kalen has 5 laptops. It is 35,899 baht each. How much money does he pay for 5 laptops?
Write the mathematical sentence: _____

4. There are 1,440 minutes in a day. How many minutes in a week?
Write the mathematical sentence: _____

5. The aircraft has 145 seats. The airline sells 5,988 baht per each. How much money does the airline get from selling 145 seats of aircraft?
Write the mathematical sentence: _____

6. There are 15 horses in each farm. Thailand has 253 farms. How many horses in Thailand?
Write the mathematical sentence: _____

7. A bottle of milk is 35 baht. The school buys 1,235 bottles of milk. How much does the school pay?
Write the mathematical sentence: _____

8. Minnie studies 18 subjects. She gets 100 scores in every subject. What is the total score that she gets?
Write the mathematical sentence: _____

9. Smith went to the school 350 times last years. He shared 25 books each time when he went to the school. How many books did he share to the school?
Write the mathematical sentence: _____

10. Conan has 12 boxes of toy. There are 130 toys in each box. How many toys does he have?
Write the mathematical sentence: _____

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Exercise 54

SCORE

Write the mathematical sentence, show the solution and check the answer.

1. My mother pays the tax 15,123 baht a year. How much does she pay in 5 years?

Mathematical sentence: _____

_____

_____

_____

_____

Answer _____

Check the answer: _____

2. The tourists rent 15 hotels room. It is 8,565 baht each room. How much do the tourists pay?

Mathematical sentence: _____

_____

_____

_____

_____

_____

_____

_____

Answer _____

Check the answer: _____

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Exercise 63

SCORE

Fill the correct answer in the blank.

1. There are 735 students in school. This school has 21 classes. How many students in each class?

What they give?: _____

_____

What they want?: _____

Write the mathematical sentence: _____

2. Tom has 1,113 books. He shares to 21 schools. How many books does he share to each school?

What they give?: _____

_____

What they want?: _____

Write the mathematical sentence: _____

3. There are 23,730 kilograms of flour. The shopkeeper packs in 35 bags. How many kilograms of flour in each bag?

What they give?: _____

_____

What they want?: _____

Write the mathematical sentence: _____

4. There are 23,205 passengers. An airplane has 238 seats. How many airplanes are the airline use?

What they give?: _____

_____

What they want?: _____

Write the mathematical sentence: _____

5. The company pays 7,504 baht for the employees. There are 134 employees in this company. How much money does the company pay for each employee?

What they give?: _____

_____

What they want?: _____

Write the mathematical sentence: _____

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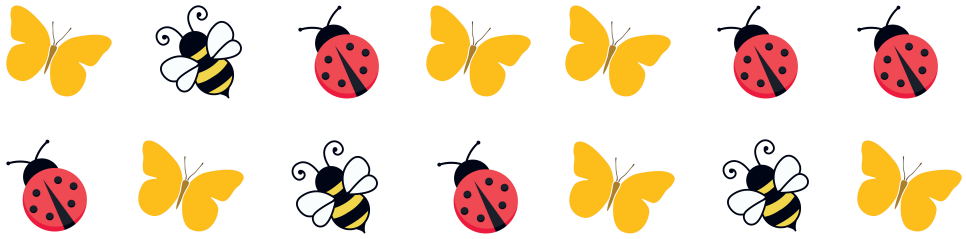
Exercise 73

SCORE

Fill the correct answer.

The below figures show the favorite animals of students. use the information to answer the question.



1. Complete the data table.

Animals	Tally	Students
Butterfly		
Bee		
Ladybug		

2. How many students like butterfly?

3. How many students like bee?

4. How many students like ladybug?

5. How many students like butterfly and ladybug?

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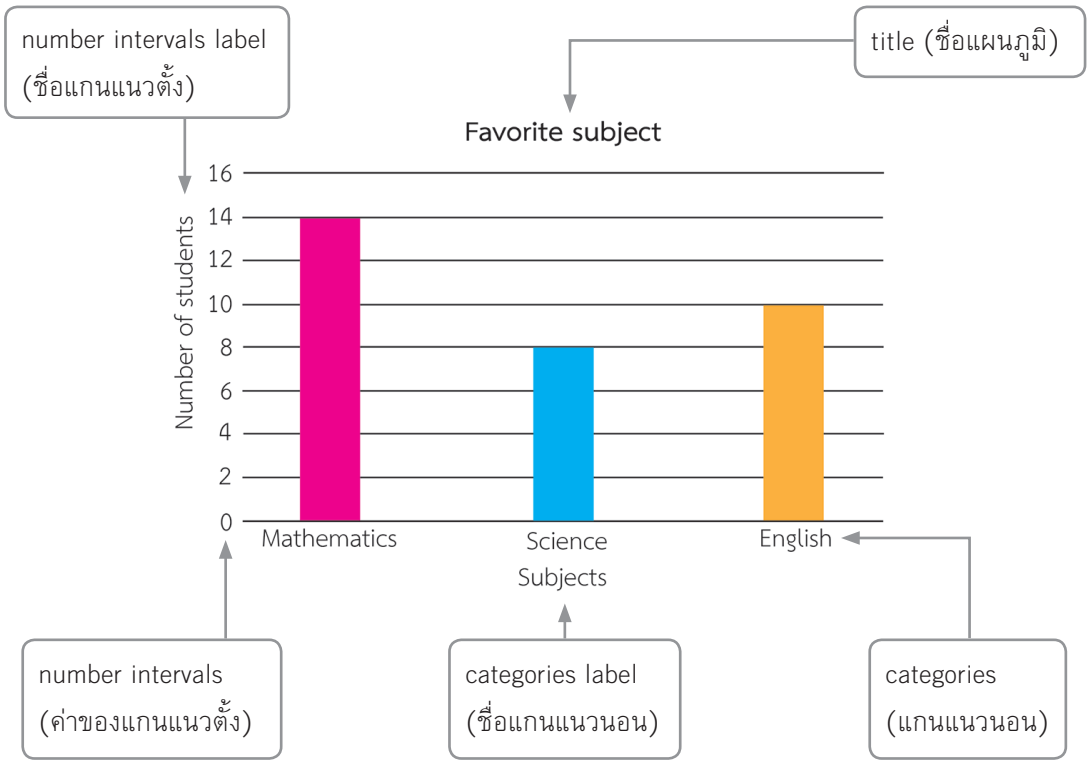
Writing bar graph

To write the bar graph need these labels:

1. title
2. categories
3. categories label
4. number intervals
5. number intervals label



Notice

The width of each bars are equals and the space between bars are also equals.
ความกว้างของแท่งข้อมูลแต่ละแท่งเท่ากันทั้งหมด และช่องว่างระหว่างแท่งข้อมูลแต่ละแท่งก็เท่ากันด้วย

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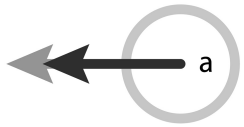
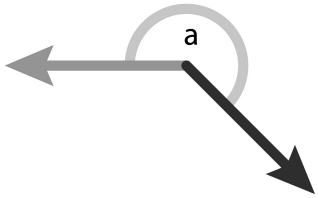
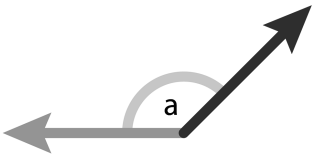
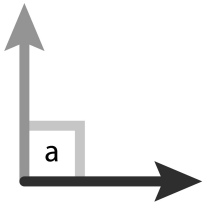
Exercise 96

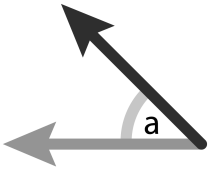
Match the angle type with definition.











- greater than 90° but less than 180°
- 360° exactly
- 90° exactly
- less than 90°
- greater than 180° but less than 360°
- 180° exactly

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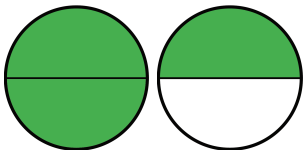
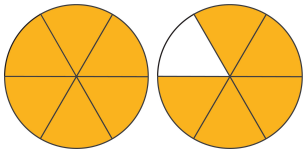
Exercise 130

SCORE

Write the fraction from the given figure.

1. 

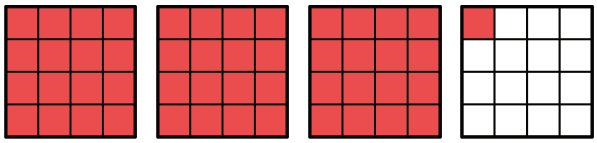
Answer: _____

2. 

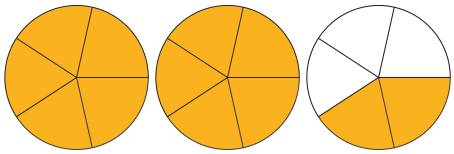
Answer: _____

3.

Answer: _____

4. 

Answer: _____

5. 

Answer: _____

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Chapter 10 Time

SCORE

Circle the correct answer.

1.

a. It is four past one.

b. It is twenty past one.

c. It is five past four.

d. It is one past four.

2.

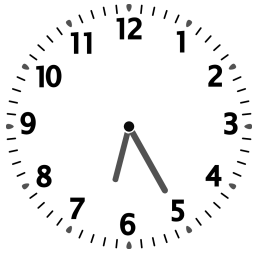
a. It is seven to eight.

b. It is twenty-five to nine.

c. It is twenty-five to eight.

d. It is seven to nine.

3.



a. It is 6:25 a.m.

b. It is 6:05 a.m.

c. It is 5:30 a.m.

d. It is 5:06 a.m.

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4.

a. It is nine to one.
b. It is nine past one.
c. It is nineteen to one.
d. It is nineteen past one.

5. The time start at 13:35 and end at 21:21, find the period of time.

a. The period of time is 8 hours and 14 minutes.
b. The period of time is 8 hours and 46 minutes.
c. The period of time is 7 hours and 14 minutes.
d. The period of time is 7 hours and 46 minutes.

6. The time start at 02:25 and end at 14:19, find the period of time.

a. The period of time is 11 hours and 54 minutes.
b. The period of time is 11 hours and 6 minutes.
c. The period of time is 12 hours and 54 minutes.
d. The period of time is 12 hours and 6 minutes.

7. The time starts at 07:22 and the period of time is 5 hours and 36 minutes. What is the end time?

a. The end time is 2:14.
b. The end time is 12:58.
c. The end time is 12:14.
d. The end time is 2:58.

8. The time starts at 20:27 and the period of time is 3 hours and 15 minutes. What is the end time?

a. The end time is 23:12.
b. The end time is 23:42.
c. The end time is 17:12.
d. The end time is 17:42.

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Chapter 3
Multiplication
(Answer)

Multiplication of one-digit number by more than four-digit numbers

Exercise 40

Fill the answer.

1. 32,124 × 7 = 224,868
2. 18,219 × 3 = 54,657
3. 41,151 × 4 = 164,604
4. 24,108 × 8 = 192,864
5. 90,103 × 2 = 180,206
6. 253,624 × 5 = 1,268,120
7. 172,212 × 6 = 1,033,272
8. 363,524 × 3 = 1,090,572
9. 518,213 × 9 = 4,663,917
10. 481,543 × 2 = 963,086

Exercise 41

Show the solution.

1. 45,812 × 3 = 137,436
2. 37,194 × 5 = 185,970
3. 81,219 × 2 = 162,438
4. 73,513 × 4 = 294,052
5. 19,812 × 9 = 178,308
6. 250,931 × 6 = 1,505,586
7. 139,236 × 8 = 1,113,888
8. 345,821 × 7 = 2,420,747
9. 489,102 × 3 = 1,467,306
10. 501,025 × 4 = 2,004,100

Multiplication of more than one-digit number by more than two-digit number

Exercise 42

Fill the answer.

1.
```
   928 ×
    13
 2,784 +
 9,280
12,064
```

2.
```
   374 ×
    25
 1,870 +
 7,480
 9,350
```

3.
```
   219 ×
    34
   876 +
 6,570
 7,446
```

4.
```
   721 ×
   162
 1,442
43,260 +
72,100
116,802
```

5.
```
   482 ×
   281
   482
38,560 +
96,400
135,442
```

6.
```
   704 ×
   371
   704
49,280 +
211,200
261,184
```

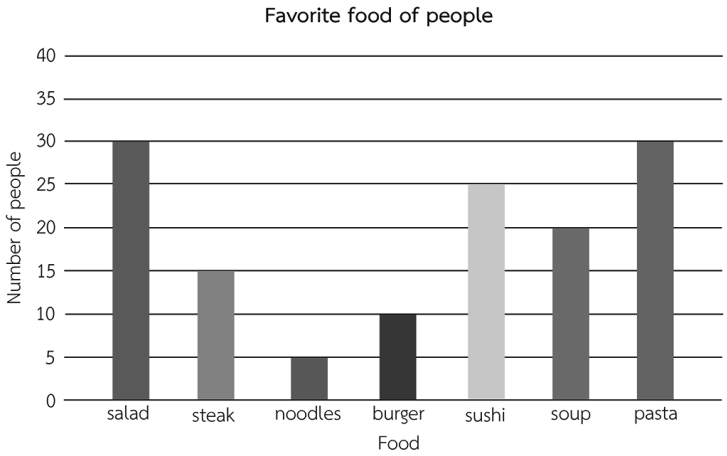
7.
```
 1,379 ×
    34
 5,516 +
41,370
46,886
```

8.
```
 5,821 ×
    45
29,105 +
232,840
261,945
```

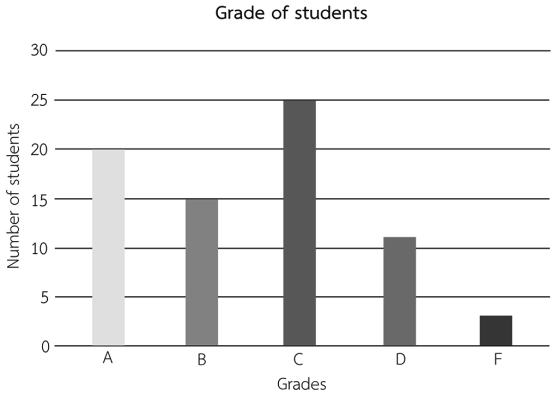

Answer _P4.indd 19 22/10/2563 BE 09:55

2. Draw the missing bar graph from the given data table.

Food	Salad	Steak	Noodles	Burger	Sushi	Soup	Pasta
People	30	15	5	10	25	20	30



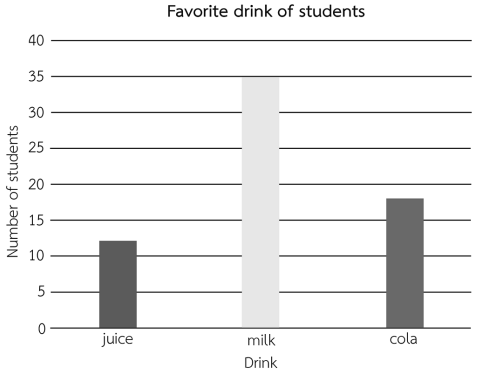
3. Draw the missing bar graph from the given data table.



Grades	Students
A	20
B	15
C	25
D	11
F	3

Exercise 88

1. Draw the bar from the given data table.



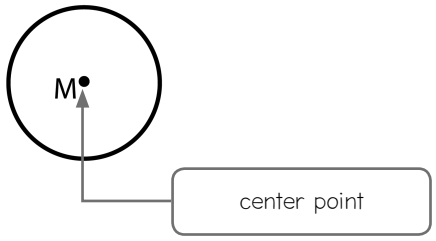
Drink	Students
Juice	12
Milk	35
Cola	18

Answer _P4.indd 49 22/10/2563 BE 09:55

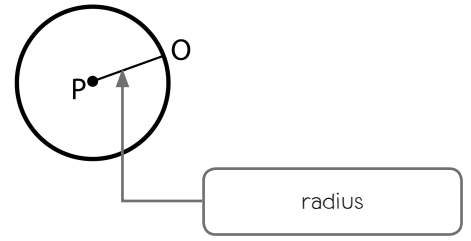
Exercise 113

Write the component of the circle in the box.

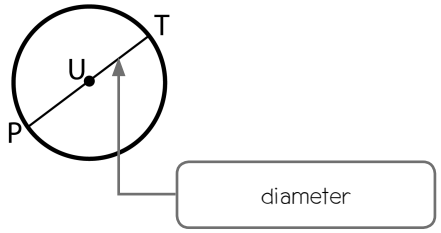
1.



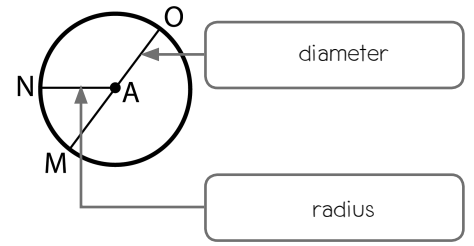
2.



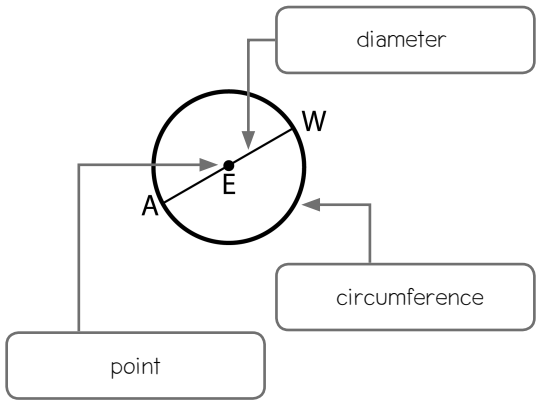
3.



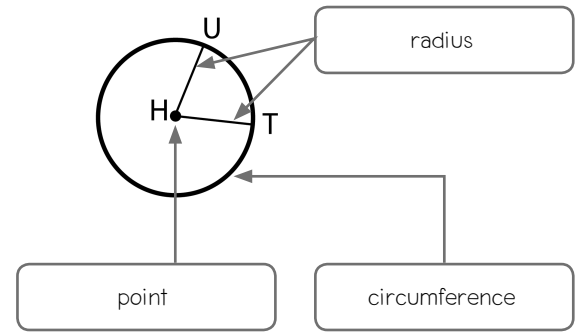
4.



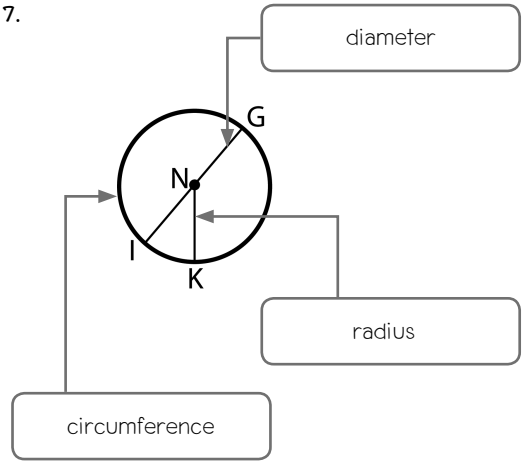
5.



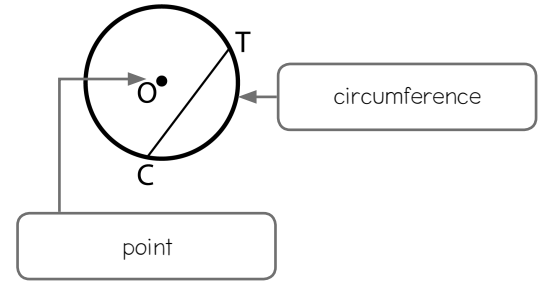
6.



7.



8.



Answer _P4.indd 58 22/10/2563 BE 09:55

Chapter 2
Addition and Subtraction (Answer)

Addition of two multiple-digit numbers with no carrying

Exercise 21

Fill the answer.

1. 133,400 + 245,031 = 378,431
2. 321,231 + 413,543 = 734,774
3. 821,361 + 134,218 = 955,579
4. 236,139 + 721,840 = 957,979
5. 563,134 + 215,845 = 778,979
6. 463,259 + 423,410 = 886,669
7. 385,258 + 213,611 = 598,869
8. 135,651 + 531,321 = 666,972
9. 364,643 + 521,321 = 885,964
10. 512,361 + 361,237 = 873,598

Exercise 22

Show the solution and fill the answer.

1. 312,651 + 453,124 = 765,775
2. 125,612 + 532,164 = 657,776
3. 364,971 + 511,015 = 875,986
4. 594,364 + 102,324 = 696,688
5. 613,345 + 231,254 = 844,599
6. 235,164 + 512,314 = 747,478
7. 235,698 + 351,100 = 586,798
8. 351,316 + 133,352 = 484,668
9. 623,312 + 254,632 = 877,944
10. 355,361 + 231,417 = 566,778

Addition of two multiple-digit numbers with carrying

Exercise 23

Fill the answer.

1. 398,343 + 394,974 = 793,317
2. 564,341 + 343,184 = 907,525
3. 394,136 + 191,364 = 585,500
4. 196,281 + 511,364 = 707,645
5. 168,341 + 236,134 = 404,475
6. 415,641 + 351,541 = 767,182
7. 354,641 + 398,313 = 752,954
8. 361,691 + 169,139 = 530,830
9. 493,139 + 237,659 = 730,798
10. 394,316 + 331,697 = 726,013

Answer _P4.indd 11 22/10/2563 BE 09:54