Contents

6   Mixed operations of subtraction and multiplication

Date: _____

Do the following calculations.

① $79 - 3 \times 18 =$ _____

② $67 \times 4 - 184 =$ _____

③ $313 - 5 \times 7 =$ _____

④ $982 - 175 \times 5 =$ _____

⑤ $6 \times 146 - 142 =$ _____

⑥ $115 \times 8 - 450 =$ _____

⑦ $530 - 75 \times 4 =$ _____

⑧ $9 \times 106 - 214 =$ _____

Solve the following problems in horizontal forms.

⑨   The school held a parent meeting. Each parent got a bottle of distilled water. The school prepared 8 boxes of distilled water, and each box had 24 bottles of distilled water. There were 17 bottles left after the meeting. How many parents joined the meeting?

⑩   There are 525 eggs in a farm. The worker uses all the boxes to store the eggs. How many eggs are left?

We have 63 boxes, and each box can store 8 eggs.

⑪   There were 32 packs of soft drinks in a supermarket yesterday, and each pack had 6 cans of soft drinks. If 108 cans were sold, how many cans of soft drinks are there now?
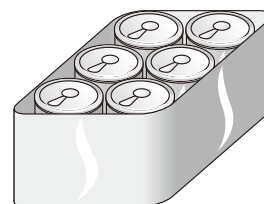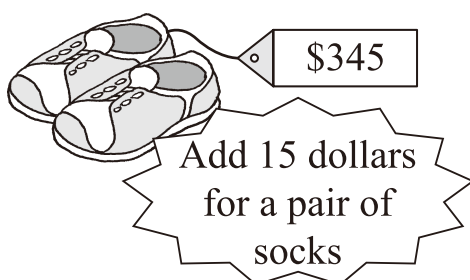
7 Problems involving mixed operations

Date: _____

Answer the following questions.

①

Staff Record

Name: Marie Cheung   Hourly wage: 35 dollars

• Work 6 hours each day   • Work 3 days each week

The wage of Mrs. Cheung this week is _____ dollars.

②

$345

Add 15 dollars for a pair of socks

41 dollars for two pairs

(a) Each pair of socks costs _____ dollars _____ cents.

(b) A pair of shoes and a pair of socks cost _____ dollars in total.

③ Each bag of candies costs 4 dollars 20 cents, and each bag of chocolates cost 5 dollars 50 cents. We need to pay _____ dollars _____ cents to buy one bag of candies and chocolates.

Solve the following problems in horizontal forms.

④ The full mark of a mathematics test is 150 marks, and each question carries 5 marks. Yvonne got 23 questions correct, how many more marks should she get for full mark?

⑤ Stanley has 183 dollars originally. He saves 15 dollars each day from today. How much will he have in a week?

17   Straight lines and curves

Date: _____
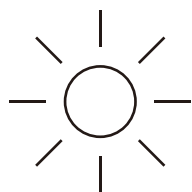
Write the correct answers on the ____ .

2 1 6 8 4 5

①   Which of the numbers above are formed by straight lines only?   _____

②   Which of the numbers above are formed by curves only?   _____

③   Which of the numbers above are formed by straight lines and curves?
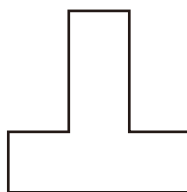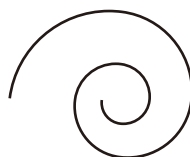
_____

Write the correct letters on the ____ .
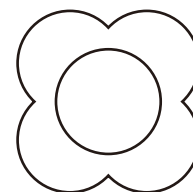
A   B   C   D   E   F

④   Which of the figures above are formed by straight lines only?   _____

⑤   Which of the figures above are formed by curves only?   _____

⑥   Which of the figures above are formed by straight lines and curves?

_____

Follow the instructions to draw the figures.

⑦   Use straight lines only to draw a figure.

⑧   Use curves only to draw a figure.

⑨   Use straight lines and curves to draw a figure.
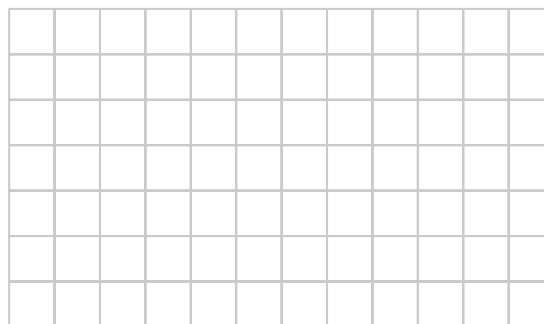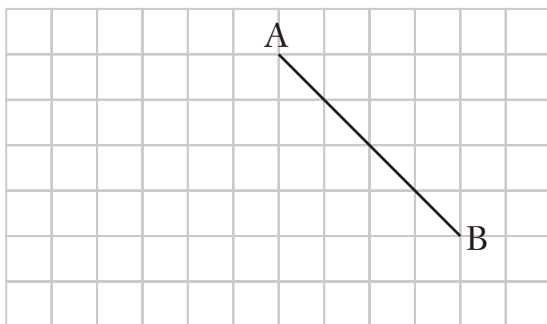
Bridging Mathematics (P.3-P.4)
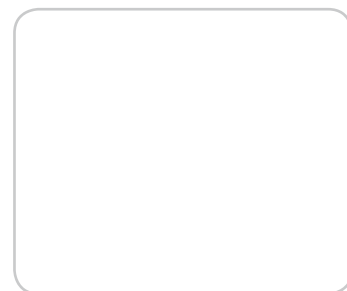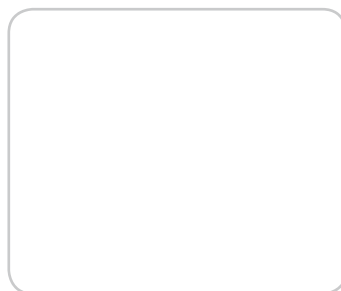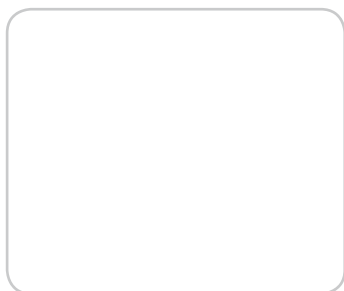
18   Parallel and perpendicular lines

Date: _____

Follow the instructions to draw straight lines or figures.

①   Draw a straight line which is parallel to AB.

A

B

②   Draw a figure with perpendicular lines.
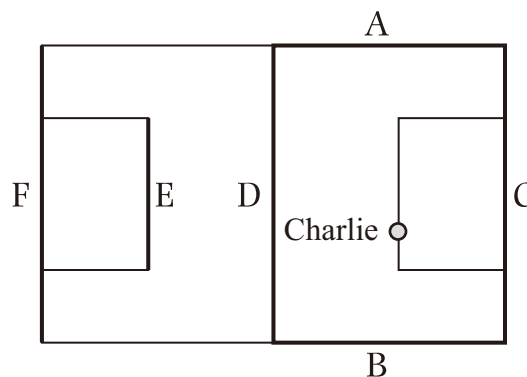
**Write the correct answers on the ____ .**

H X Z E G U

③   Which of the letters have perpendicular lines? _____

④   In the figure shown on the right, Charlie is standing on a straight line. This line is parallel to line _____ and has the shortest distance with that line.
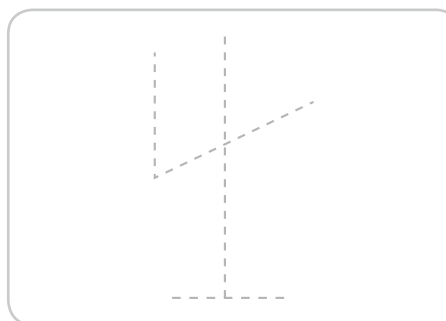
A

F   E   D   C

Charlie ○

B

Follow the instructions to draw parallel lines or perpendicular lines along the dotted lines.

⑤   Draw a pair of parallel lines.
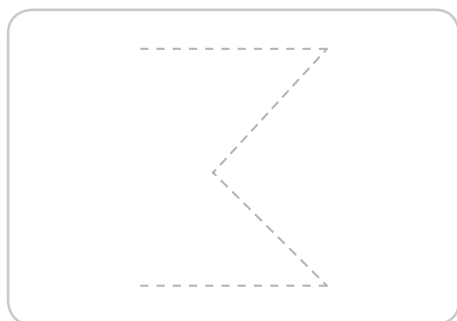
⑥   Draw a pair of perpendicular lines.
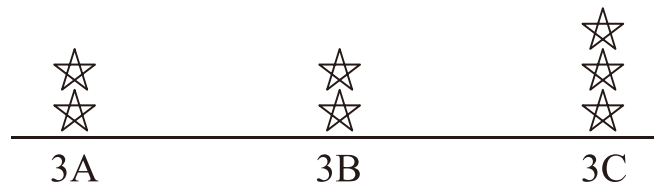
21 Constructing pictograms

Date: _____

Follow the instructions to complete the following pictograms.

① (a) Mary studied the number of primary 3 students who join the 'Stargazing night' activity. Complete the table below.
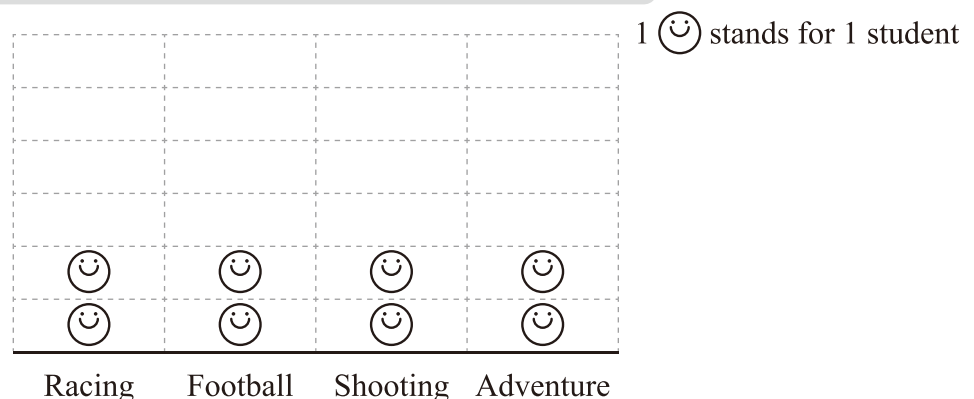
Class	3A	3B	3C
Tallies	卌 I	IIII	卌 II
Number of students			

(b) Use the data above to complete the pictogram below.

(Title)   1 ☆ stands for 1 student

```
                                        ☆
        ☆              ☆               ☆
        ☆              ☆               ☆
      _____
        3A             3B               3C
```

② Simon asked 20 students about their favourite computer games. However, the number of students who like adventure games most are covered by ink.

Computer games	Racing	Football	Shooting	Adventure
Number of students	4	5	5	

Use the results above to complete the pictogram below.

Students' favourite computer games

1 ☺ stands for 1 student

```
        ☺        ☺        ☺        ☺
        ☺        ☺        ☺        ☺
     Racing   Football  Shooting  Adventure
```

Bridging Mathematics (P.3–P.4)

3   Shape and Space Dimension
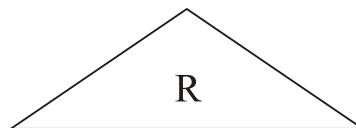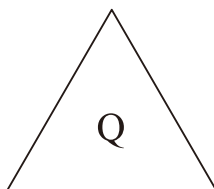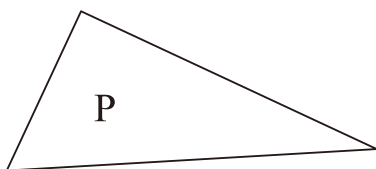
Date: _____

Blacken the circles next to the correct answer.

①   How many trapeziums are there in the figure below?

○ A. 2   ○ B. 3   ○ C. 4   ○ D. 6

②   There are three types of triangles as shown below. Which of the following combinations can form a rectangle?

P   Q   R

○ A. P and R   ○ B. Q and R   ○ C. Two Q   ○ D. Two P

Look at the picture on the left. Write the answers on the _____ and circle the correct answers.

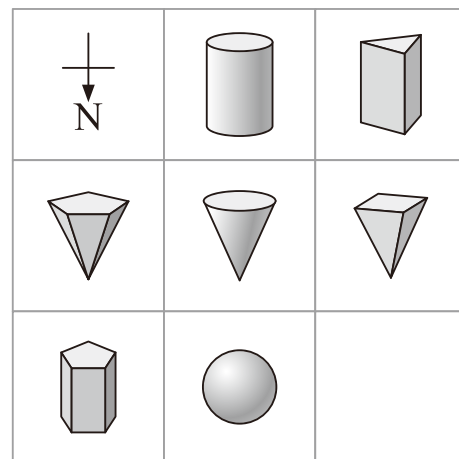③   There are _____ pyramid(s) in the picture.

④   There are _____ prism(s) in the picture.

⑤   ▽ is at the (east / north / south) of ▽.

⑥   ▽ is at the (east / north / south) of ▯.

⑦   There is a _____ and a _____ under ▯.
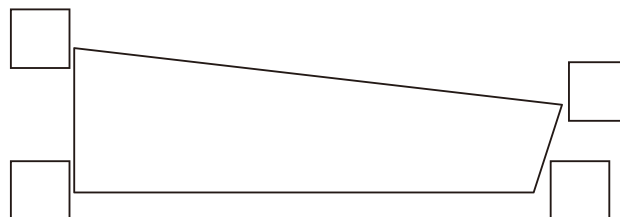
⑧   There is a _____ at the left of ◯.

Follow the instructions to write the correct names of the angles in the ☐.

⑨   Angle S is the largest angle.

⑩   Angle T is a right angle.

⑪   Angle P is larger than angle R.
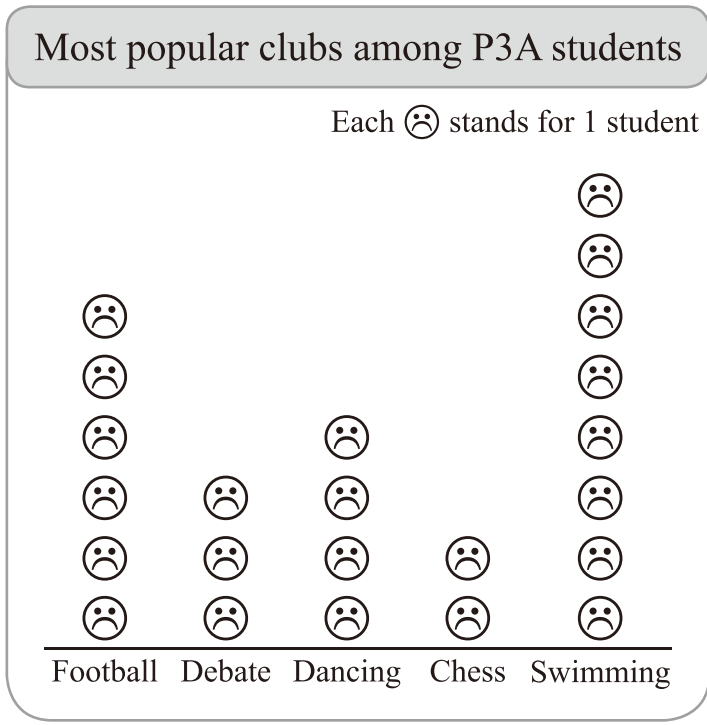
4 Data Handling Dimension

Date: _____

The following pictogram shows the most popular clubs among P3A students.
Answer the following questions.

Most popular clubs among P3A students

Each ☹ stands for 1 student


Football Debate Dancing Chess Swimming

① The difference in the number of students who join the two most popular clubs is _____ .

② The number of students who join the dancing club is _____ of students who join the football club.

③ The number of students who join the swimming club is _____ times the students who join the chess club.

④ The number of students interviewed is _____ .

Follow the instructions to complete the following pictogram.

The staff recorded the number of complaints received by Customer Service Department. Use the data below to construct a pictogram.

Day	Monday	Tuesday	Wednesday	Thursday	Friday
Number of complaints	40	70	10	30	40

⑤

(Title)   Each block stands for 10 complaints

Monday
Tuesday
Wednesday
Thursday
Friday

Game Zone
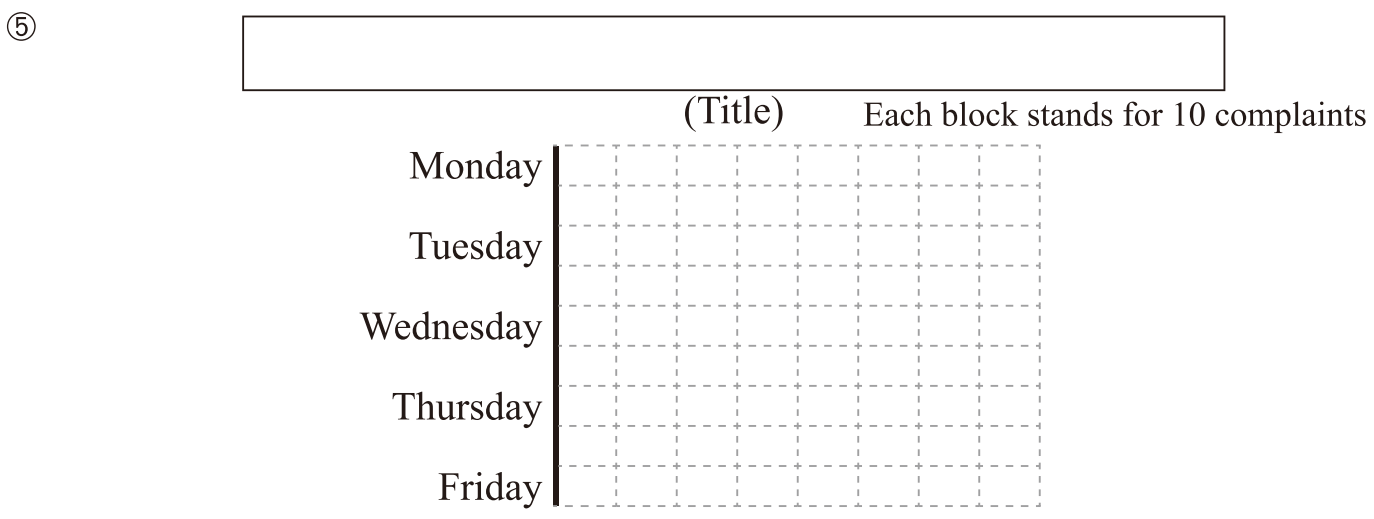
The Matches and the Math

Objectives

1. Strengthen students' concept on 2-D shapes.
2. Consolidate students' knowledge on square.
3. Strengthen students' skills on addition and subtraction.
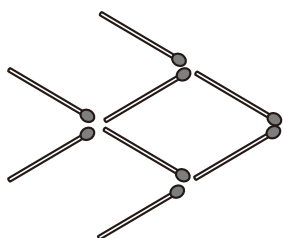4. Train students to think in different persepectives.
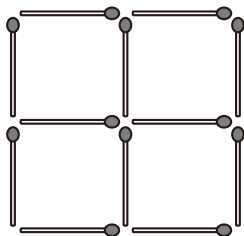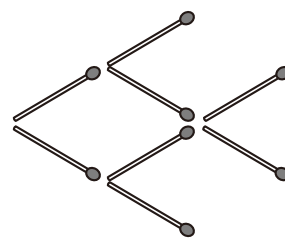
Material:

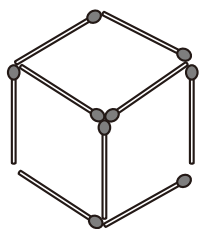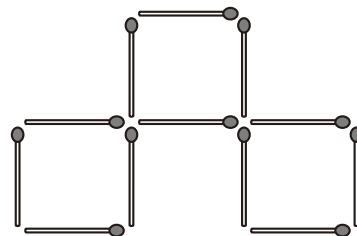Some matches (or toothpicks)

Activity

1. Arrange the matches as shown in the left diagrams. Then, move the matches according to the instructions to form the right diagrams.

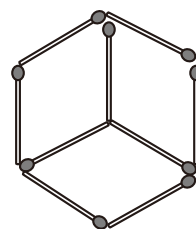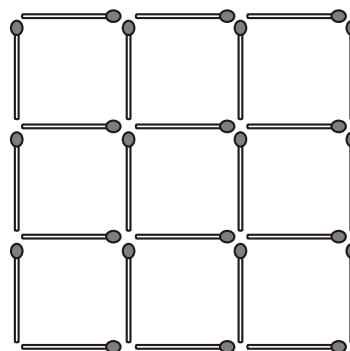move 3 pieces of matches

move 3 pieces of matches

move 3 pieces of matches

2. Arrange the matches as shown in the diagram on the right. Remove some matches according to the table below in order to get the required number of squares. Draw your answers in the table.

Number of matches that need to be removed	Number of squares	Answers
10	2	
9	2	
3	7	
3	6	
11	3	

Bridging Mathematics (P.3-P.4)