Unit (1)

1 Use the picture to complete the table. Then shade boxes in the graph to show data.
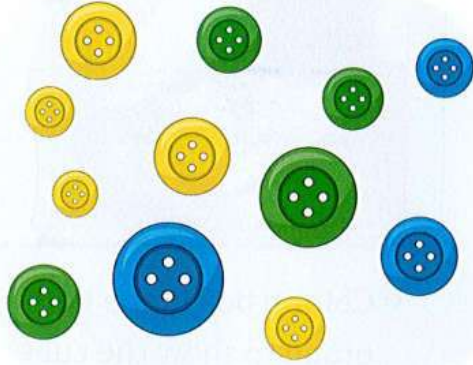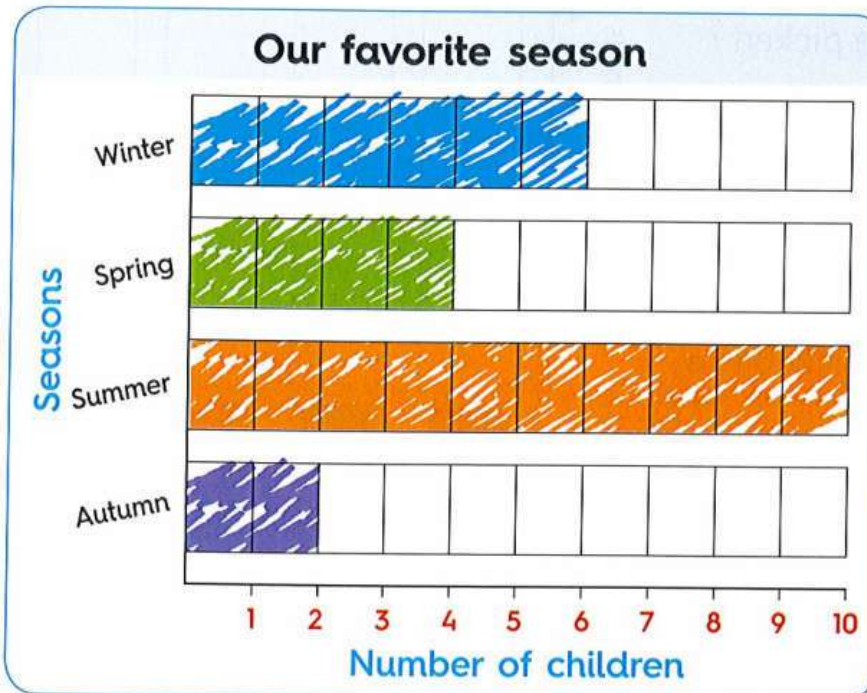
Buttons

Color	Number
Green	_____
Blue	_____
Yellow	_____

Buttons

Number of buttons

7
6
5
4
3
2
1

Green   Blue   Yellow

Color
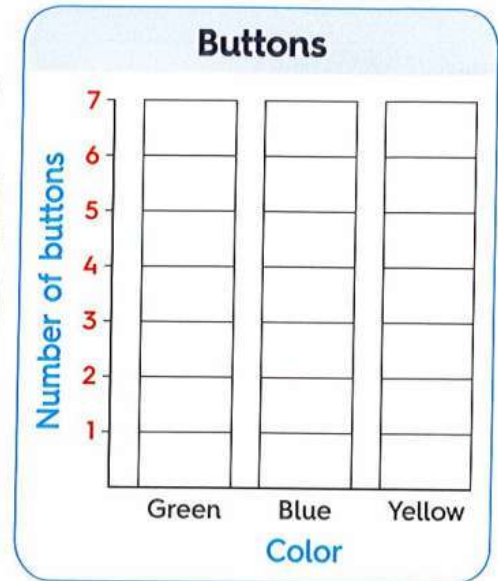
Use the bar graph to answer the questions :

1 How many yellow buttons are there ? _____

**2** How many more green buttons than blue buttons ? _____

2 Use the bar graph to answer the questions :

Our favorite season

Seasons

Winter

Spring

Summer

Autumn

1   2   3   4   5   6   7   8   9   10

Number of children

1 How many children chose winter as their favorite season ?

_____

2 How many children in all chose summer and spring ? _____

**3** Which season is the favorite of the fewest children ? _____

3 Use the bar graph to complete using > , < or =.

Pets in our houses

1 Number of cats ____ ◯ ____ Number of dogs

2 Number of fish ____ ◯ ____ Number of birds

3 Number of birds ____ ◯ ____ Number of cats

4 Number of dogs ____ ◯ ____ Number of fish

Number of pets (y-axis: 1–10)

Cat | Bird | Dog | Fish

Pets

---
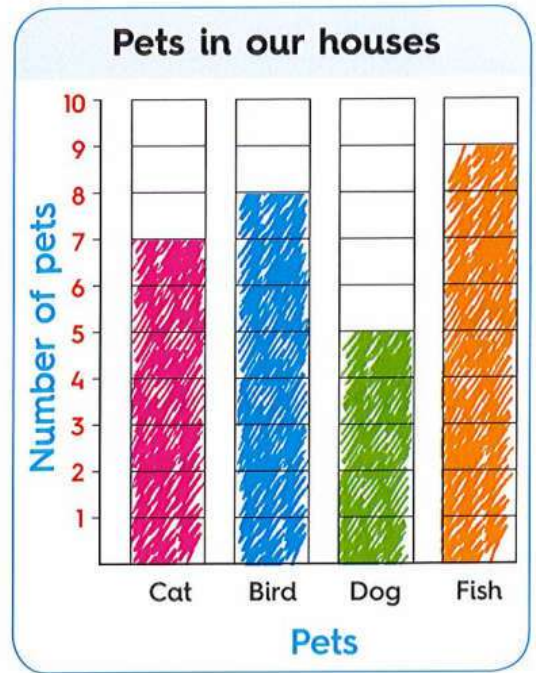
4 Use the table to make a bar graph with the same data.

Books read last summer

Name	Number
Andy	3
Natalie	5
Sylvia	4
Bassem	9
Youssef	6

Books read last summer

Names: Andy, Natalie, Sylvia, Bassem, Youssef

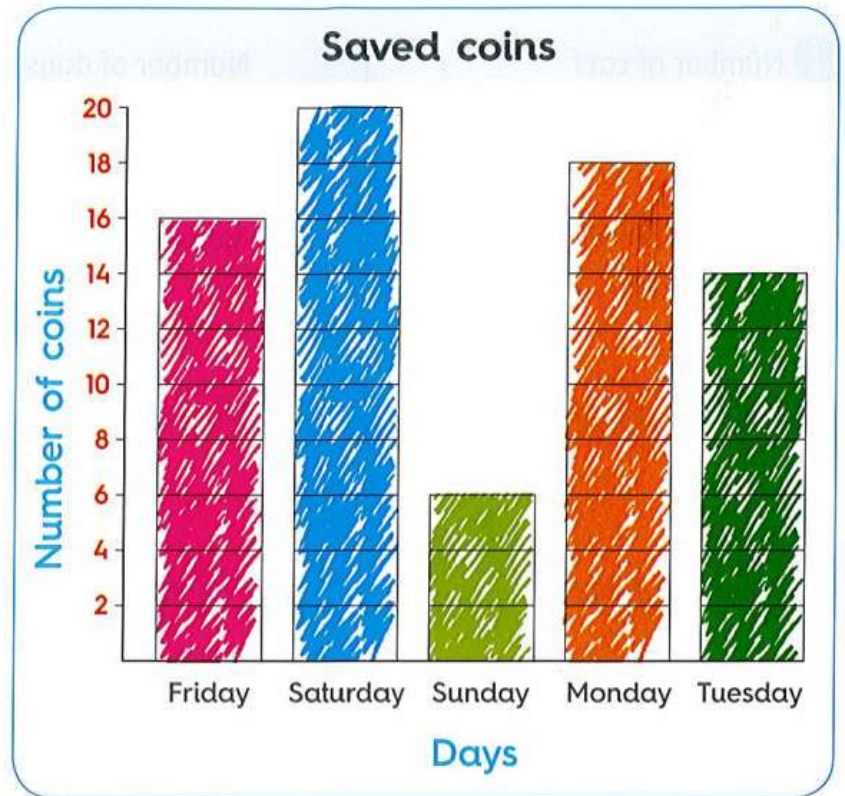Number of books: 1 2 3 4 5 6 7 8 9 10
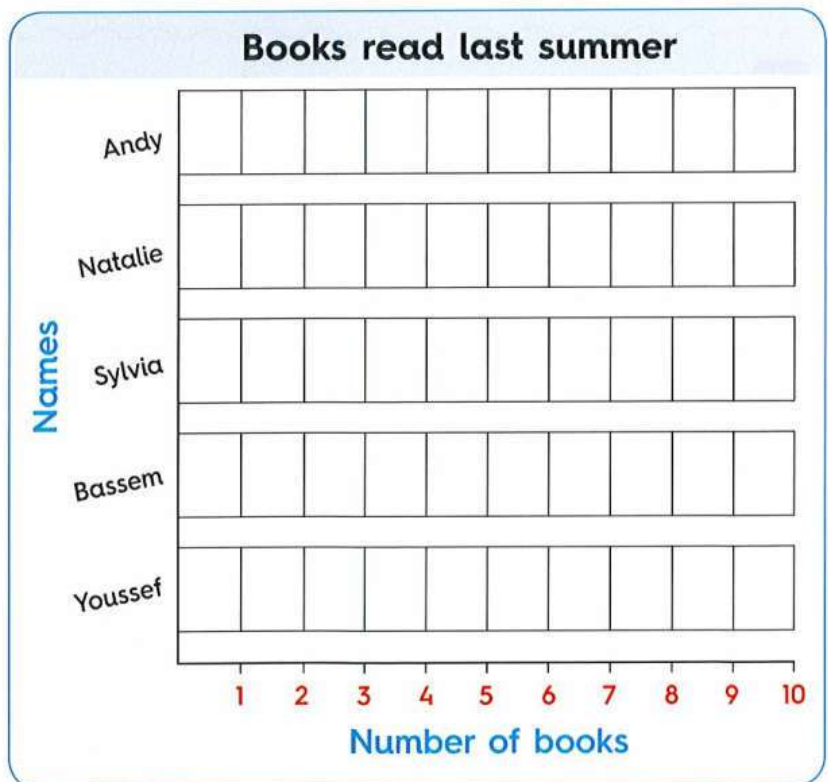
○ Use the graph to order the names who read the books from the least to the greatest.

_____ , _____ , _____ , _____ , _____

5 Use the graph to answer the questions.

Saved coins

1 Which day has the most savings ? _____

2 How many coins are saved on Sunday and Tuesday ?
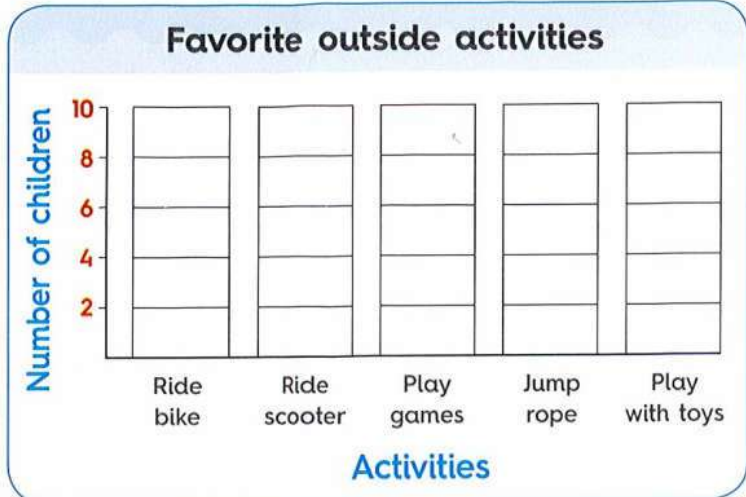
_____

6 Use the graph to answer the questions.

Children who ride a bus
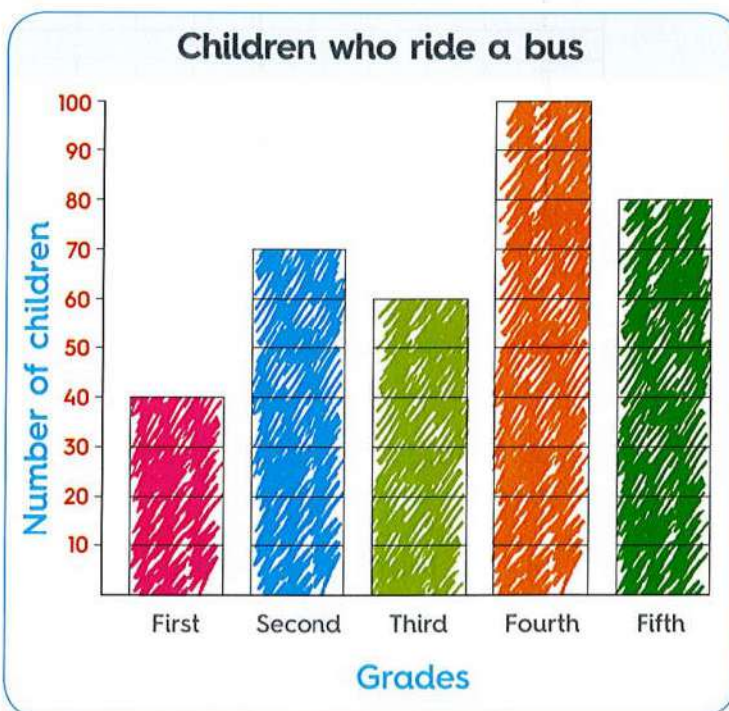
1 Which grade has the fewest bus riders ?

_____

2 How many more children ride the bus in fourth grade than second grade ?

_____

(3)

7 Use the pictograph to make a bar graph. Then answer the questions.

Favorite outside activities	
Ride bike	😊😊😊😊
Ride scooter	😊😊😊😊😊
Play games	😊😊
Jump rope	😊😊😊
Play with toys	😊

Key 😊 = 2 children

Favorite outside activities

Number of children — Ride bike, Ride scooter, Play games, Jump rope, Play with toys

Activities

1 Which activity is favored by the most children ? _____

2 How many children like jump rope best ?

---

8 Use the pictograph to make a bar graph. Then answer the questions.

Favorite fruit	
Apple	♥♥♥❤
Banana	♥♥♥♥
Mango	♥❤
Grapes	♥♥❤
Strawberry	♥♥♥♥♥

Key ♥ = 2 children

Favorite fruit

Number of children — Apple, Banana, Mango, Grapes, Strawberry

Kinds of fruit

1 Which fruit is favored by the least children ? _____

2 How many children liked both banana and grapes ? _____

1 Use the bar graph. How many more children chose football than handball ?
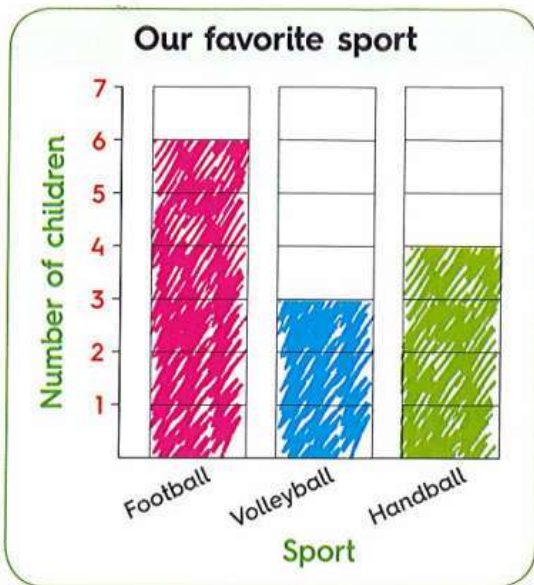
Our favorite sport

Number of children

Football Volleyball Handball

Sport

○ 2   ○ 3
○ 4   ○ 6

2 Use the graph. Which instrument of music did the most children choose ?

Favorite music

Instruments

Drum
Guitar
Piano
Flute

1 2 3 4 5 6 7 8
Number of children
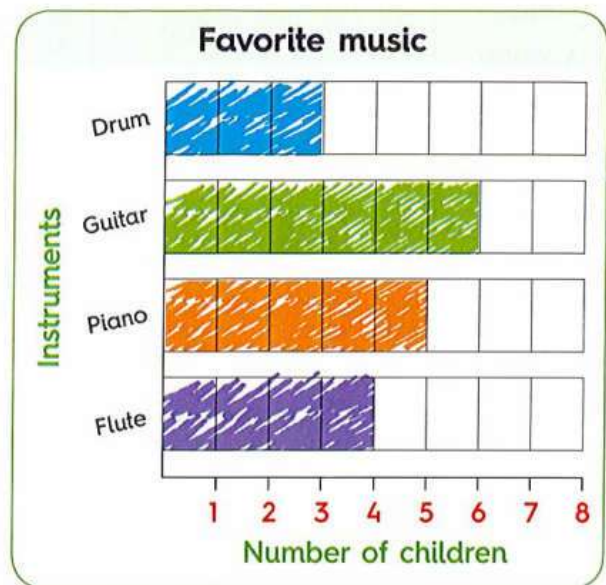
○ Drum   ○ Guitar
○ Piano   ○ Flute

3 Use the bar graph. How many children chose chicken as their favorite lunch ?

Our favorite lunch

Number of children

Beef   Chicken   Fish

Lunch
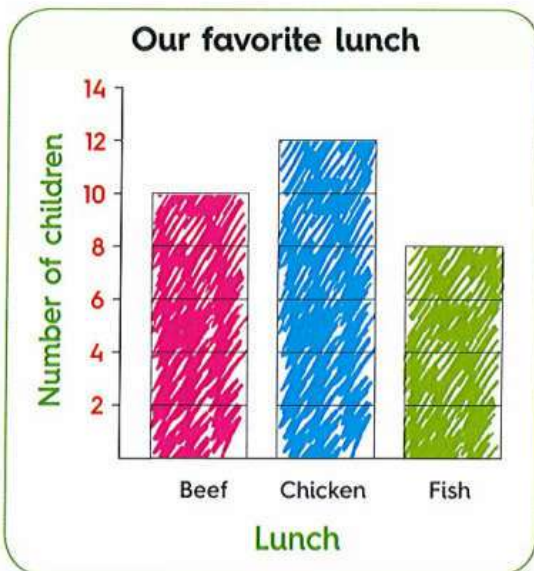
○ 14   ○ 12
○ 10   ○ 8

4 Use the pictograph. How many children like orange juice best ?

Cookies eaten

Apple	☺ ☺ ☺ ☺
Orange	☺ ☺ ☺ ☺ ☺
Mango	☺ ☺

Key ☺ = 2 children

○ 10   ○ 9
○ 8   ○ 4

Unit (2)

1 Write the sum.

12	14	11	10
+ 5	+ 8	+ 5	+ 9

8	5	10	32
+ 8	+ 6	+ 45	+ 10

2 Find the difference.

13	15	10	15
− 8	− 10	− 4	− 8

64	17	13	23
− 10	− 8	− 6	− 10

1 Find the result.

$$7 + 8$$

- ◯ 16
- ◯ 15
- ◯ 12
- ◯ 10

$$34 - 10$$

- ◯ 44
- ◯ 34
- ◯ 24
- ◯ 14

2 There are 14 books on a desk and 6 books on a shelf.

How many books are there in all ?

- ◯ 8
- ◯ 10
- ◯ 20
- ◯ 22

3 Find the missing number.

$$8 + \_\_ = 15$$

- ◯ 12
- ◯ 10
- ◯ 8
- ◯ 7

$$19 - \_\_ = 10$$

- ◯ 9
- ◯ 12
- ◯ 18
- ◯ 20

4 Amgad has 12 toys, he gave some of them to Bassem. The left with him is 3 toys.

How many toys did Amgad give to Bassem ?

- ◯ 15
- ◯ 14
- ◯ 9
- ◯ 10

Unit (3)

1 Circle the value of the underlined digit.

① 3 5 4

5   50   500

② 7 8 5

700   70   7

③ 9 5 4

4   40   400

④ 1 9 5

1   10   100

⑤ 6 3 0

3   30   300

⑥ 7 0 9

0   10   100

2 Write in expanded form.

① 745 = _____ + _____ + _____

② 172 = _____ + _____ + _____

③ 480 = _____ + _____ + _____

④ 549 = _____ + _____ + _____

⑤ 103 = _____ + _____ + _____

⑥ 111 = _____ + _____ + _____

3 Write numbers in standard form.

① $300 + 90 + 5 =$ _____

② $7 + 400 + 60 =$ _____

③ $90 + 800 =$ _____

④ $900 + 5 =$ _____

⑤ $30 + 700 + 4 =$ _____

⑥ $500 + 9 + 80 =$ _____

4 Write the following numbers in words.

① 7 _____   ② 3 _____

③ 5 _____   ④ 9 _____

⑤ 40 _____   ⑥ 80 _____

⑦ 10 _____   ⑧ 30 _____

⑨ 20 _____   ⑩ 60 _____

⑪ 70 _____   ⑫ 8 _____

⑬ 50 _____   ⑭ 1 _____

⑮ 4 _____   ⑯ 90 _____

5 Write the following numbers in standard form.

① thirteen [＿＿＿＿]   ② fifteen [＿＿＿＿]

③ thirty [＿＿＿＿]   ④ three [＿＿＿＿]

⑤ sixteen [＿＿＿＿]   ⑥ forty [＿＿＿＿]

⑦ eleven [＿＿＿＿]   ⑧ eighteen [＿＿＿＿]

---

6 Compare using > , < or =.

① 873 ◯ 857   ② 351 ◯ 99

③ 146 ◯ 146   ④ 450 ◯ 452

⑤ 671 ◯ 671   ⑥ 78 ◯ 100

⑦ 340 ◯ 314   ⑧ 139 ◯ 141

⑨ 555 ◯ 466   ⑩ 782 ◯ 728

7 Write the numbers in order from least to greatest "ascending order".

① $\boxed{15}$, $\boxed{70}$, $\boxed{8}$, $\boxed{24}$

Order is : _____ , _____ , _____ , _____

② $\boxed{37}$, $\boxed{5}$, $\boxed{141}$, $\boxed{92}$

Order is : _____ , _____ , _____ , _____

③ $\boxed{179}$, $\boxed{274}$, $\boxed{754}$, $\boxed{175}$

Order is : _____ , _____ , _____ , _____

④ $\boxed{492}$, $\boxed{\text{two hundred fifty-five}}$, $\boxed{40 + 900 + 2}$

Order is : _____ , _____ , _____

8 Write the numbers in order from greatest to least "descending order".

① $\boxed{867}$, $\boxed{546}$, $\boxed{862}$, $\boxed{547}$

Order is : _____ , _____ , _____ , _____

② $\boxed{\text{thirteen}}$, $\boxed{700}$, $\boxed{400 + 20 + 5}$

Order is : _____ , _____ , _____

③ $\boxed{754}$, $\boxed{372}$, $\boxed{681}$, $\boxed{259}$

Order is : _____ , _____ , _____ , _____

④ $\boxed{\text{five hundred seventeen}}$, $\boxed{349}$, $\boxed{600 + 70 + 9}$

Order is : _____ , _____ , _____

1 Choose.

① The place value of the digit 7 in 713 is _____   ○ 7   ○ 70   ○ 700

② Three hundred fourteen in standard form is _____   ○ 340   ○ 314   ○ 413

③ 851 in expanded form is _____

○ 800 + 50 + 1   ○ 100 + 50 + 8   ○ 500 + 80 + 1

④ 724 _____ 599   ○ >   ○ <   ○ =

⑤ 88 _____ 114   ○ >   ○ <   ○ =

⑥ Eleven in standard form is _____   ○ 11   ○ 2   ○ 17

2 Write in words.

① 70 [_____]   ② 8 [_____]

③ 20 [_____]   ④ 15 [_____]

3 **a** Arrange from the smallest to the greatest "ascending".

| 341 | , | 240 | , | 52 | , | 245 |

Order is : _____ , _____ , _____ , _____

b Arrange from the greatest to the smallest "descending".

| 67 | , | 800 | , | 125 | , | 17 | , | 325 |

Order is : _____ , _____ , _____ , _____ , _____

(12)

Unit (4)

1 Use the 120 chart to.

• Estimate the sum.

43
+ 29

Think:
+

43 + 29 is about _____

• Estimate the difference.

67
− 43

Think:
−

67 − 43 is about _____

16
+ 41

Think:
+

16 + 41 is about _____

84
− 36

Think:
−

84 − 36 is about _____

2 Use the place value to.

• Estimate the sum.

22
+ 61

Think:
+

22 + 61 is about _____

• Estimate the difference.

94
− 52

Think:
−

94 − 52 is about _____

43
+ 52

Think:
+

43 + 52 is about _____

37
− 24

Think:
−

37 − 24 is about _____

3 Find the sum.

15	4
+ 4	+ 15

23	5
+ 5	+ 23

10	20
+ 20	+ 10

12	66
+ 66	+ 12

65	6
+ 6	+ 65

31	9
+ 9	+ 31

4 Decompose the numbers to tens and ones.

35

☐ + ☐

48

☐ + ☐

55

☐ + ☐

99

☐ + ☐

18

☐ + ☐

60

☐ + ☐
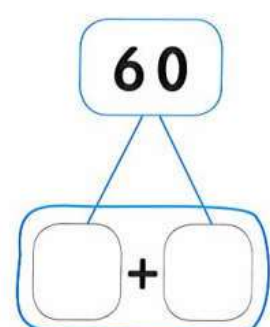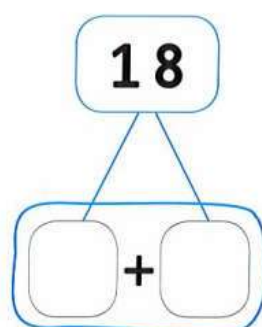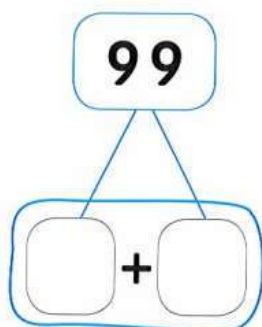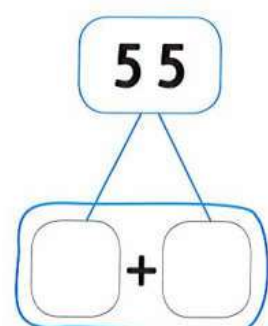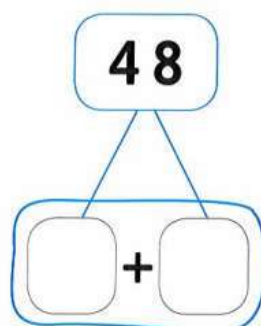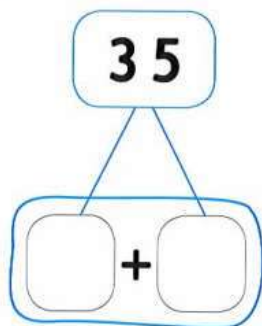
1 Choose the correct answer.

51 + 23 is about ____	62 − 44 is about ____	12 + 32 is about ____
⃝ 50 ⃝ 60	⃝ 20 ⃝ 40	⃝ 30 ⃝ 40
⃝ 70 ⃝ 80	⃝ 80 ⃝ 90	⃝ 50 ⃝ 60

2 Add.

```
   24          52
 + 35        + 29
 ─────       ─────
```

```
   18          64
 +  4        + 12
 ─────       ─────
```

3 Subtract.

```
   39          57
 − 12        − 25
 ─────       ─────
```

```
   98          29
 − 65        −  7
 ─────       ─────
```

4 Bassem has **26** coins. He gave his brother **13** coins.

How many coins are left with him ?

Unit (5)

1 Choose.

① Which plane figure has fewer than 4 vertices ?

(hexagon , triangle , rectangle , rhombus)

② Which is the longest length from the following ?

(50 cm , 20 cm , 1 m , 75 cm)

③ The solid figure which has 5 vertices is _____

(square-based pyramid , cylinder , sphere , cube)

④ A two-dimensional shape with 4 sides (2 parallel , 2 not parallel) is _____

(square , rectangle , rhombus , trapezium)

⑤ Number of vertices of a cube is _____   (5 , 6 , 12 , 8)

⑥ The length of the opposite eraser is _____ cm

(4 , 3 , 6 , 7)

⑦ 1 metre = _____ cm   (1 , 10 , 100 , 50)

⑧ The number of vertices of square _____ the number of vertices of trapezium.

(> , < , =)

2 Write the name of each solid of each of the following.
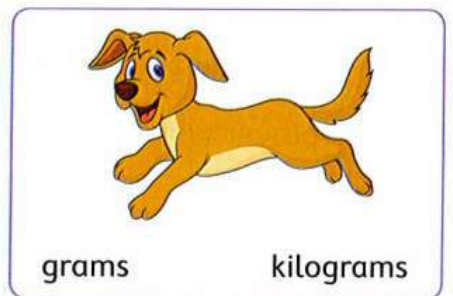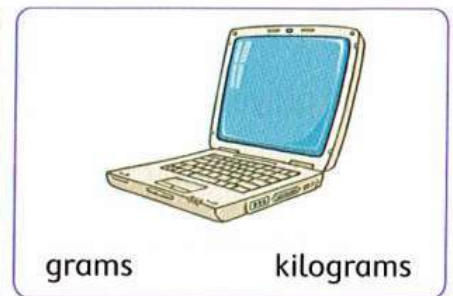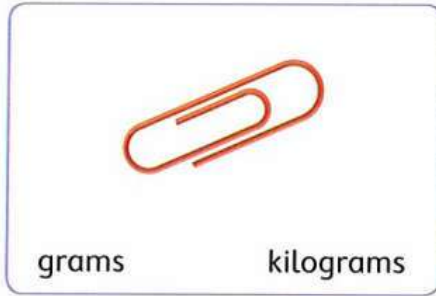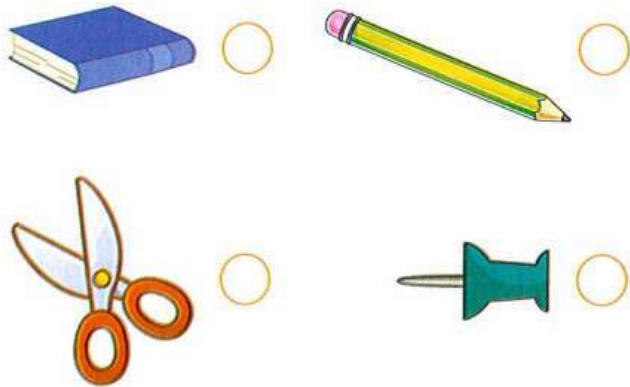
_____   _____   _____   _____
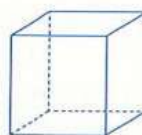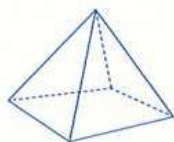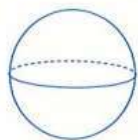
3 Complete.

① The rectangular prism has _____ faces.

② The number of sides of the figure ⬠ = _____

③ The base of a cylinder is _____

④ The solid in which all faces are squares is _____

⑤ The two-dimensional shape which has 6 sides and 6 vertices is called _____

Unit (6)

1 Circle the unit you would use to measure the real object.

| grams | kilograms | grams | kilograms | grams | kilograms |
| grams | kilograms | grams | kilograms | grams | kilograms |

---

2 Which object is about 1 kilogram ?

3 Which object is about 1 gram ?

---

4 The mass of [watermelon] is about _____

- ◯ 1 gm
- ◯ 5 kg
- ◯ 50 kg
- ◯ 100 kg

5 The mass of [butterfly] is about _____

- ◯ 1 kg
- ◯ 1 gm
- ◯ 5 kg
- ◯ 10 kg

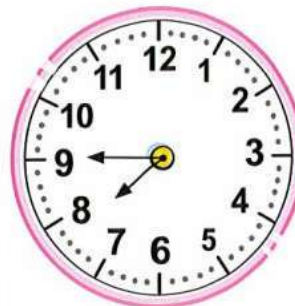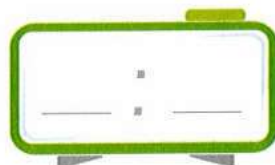**6** Use the words in the box to complete the sentences.

① Quarter hour is the same as _____ minutes.

② Half hour is the same as _____ minutes.

③ _____ is the time from noon until midnight.

④ _____ is the time from midnight until noon.

A.M.
P.M.
30
15

---

7 Write the time in two ways.

_____

_____

---
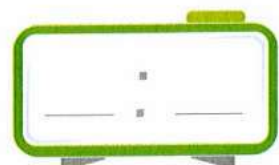
8 About how long will it take?
Circle the better choice.

eat lunch

more than 1 minute

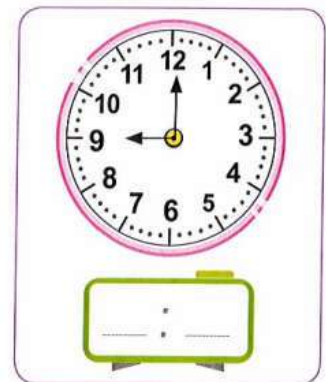less than 1 minute

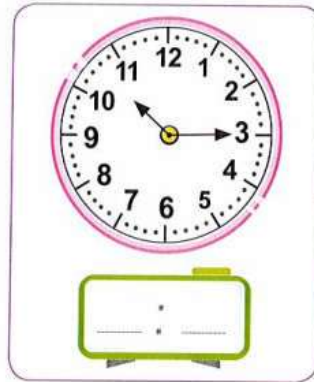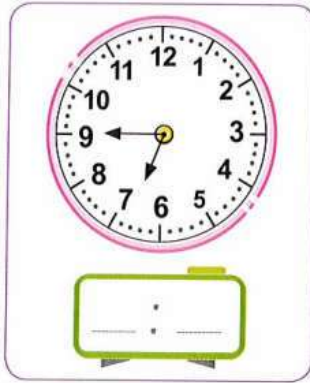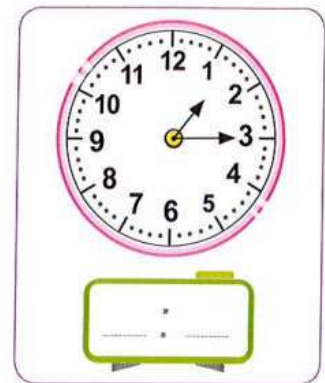**9** Write the time.
Then circle A.M. or P.M.

play basketball

A.M.   P.M.

(18)

10 Write the time.

Clock	Digital
12:00 (approx)	__ : __
6:15	__ : __
3:00 (approx)	__ : __
8:45	__ : __
3:00	__ : __
12:45	__ : __

---

11 Join.

- clock (nine fifteen) •
- clock (twelve thirty) •
- clock (three fifteen) •
- clock (twelve o'clock) •

- • 04:15 •
- • 11:45 •
- • 03:00 •
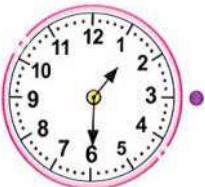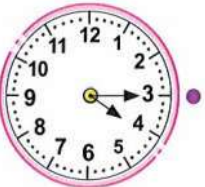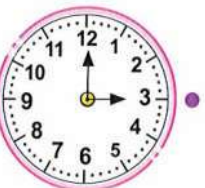- • 01:30 •
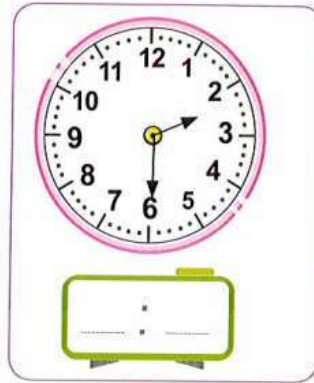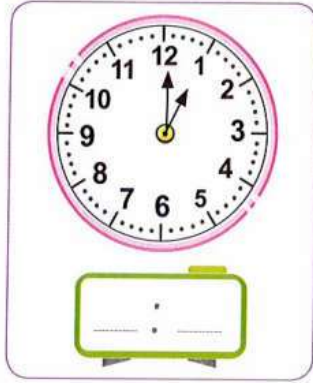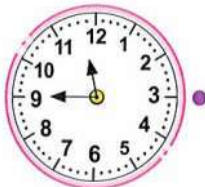
- • Three o'clock
- • quarter past four
- • half past one
- • quarter to twelve

Add or subtract, then color according the code :

GREEN
32 + 51 = _____

BLUE
78 – 34 = _____

RED
54 – 42 = _____

YELLOW
96 – 76 = _____

PURPLE
36 + 58 = _____

12

94

94

44

44

83

83

20

20

(20)