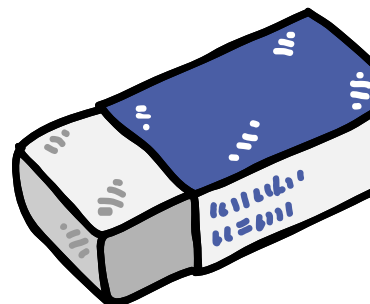# SKA
SILVER KNOWLEDGE ACADEMY

Mathematics

Maths Instant Workbook

Grade: 4th

Year: 2023

www.silverknowledgeacademy.com

PLACE VALUE AND VALUE

Write the place value and value of the underlined digit.

	Place Value	Value
4<u>8</u>6	tens	80
9<u>2</u>		
<u>5</u>71		
8<u>1</u>2		
1 <u>6</u>93		
<u>4</u> 257		
2 91<u>5</u>		
5 <u>9</u>34		
3 9<u>9</u>1		
<u>7</u> 168		

What's the Number?

Answer the number puzzle by writing the correct digit in each place value.

	Thousands	Hundreds	Tens	Ones
I am a two-digit number. My ones digit is 4. My tens digit is 8. What number am I?				
I am a three-digit number. My tens digit is 9. My hundreds digit is 8. My ones digit is 4. What number am I?				
I am a three-digit number. My hundreds digit is 8. My ones digit is 5. My tens digit is 9. What number am I?				
I am a four-digit number. My ones digit is 4. My tens digit is 8. My thousands digit is 3. My hundreds digit is 5. What number am I?				
I am a four-digit number. My hundreds digit is 6. My thousands digit is 5. My ones digit is 2. My tens digit is 8. What number am I?				

Numbers in Expanded Form

A. Write the expanded form of each number.

1. 248   = _____ + _____ + _____

2. 121   = _____ + _____ + _____

3. 952   = _____ + _____ + _____

4. 327   = _____ + _____ + _____

5. 635   = _____ + _____ + _____

6. 473   = _____ + _____ + _____
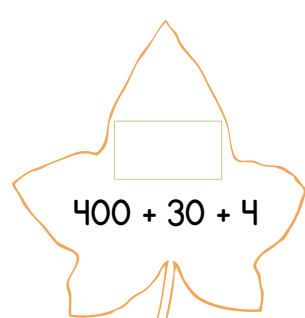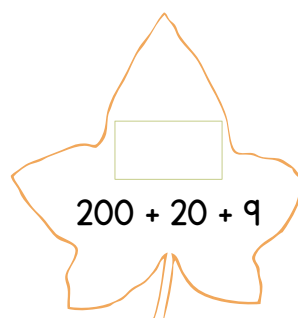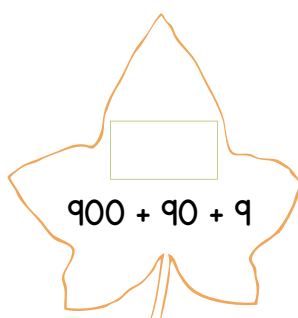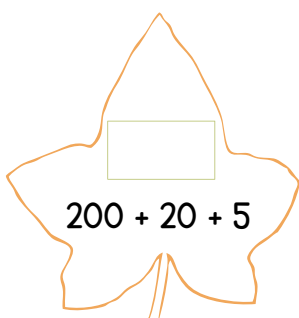
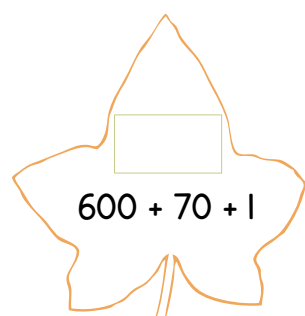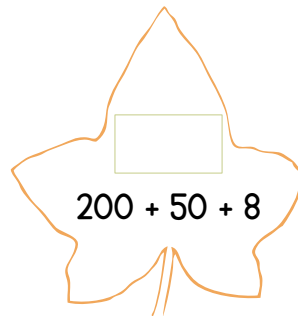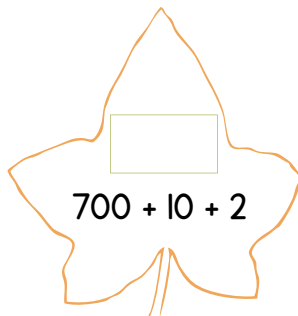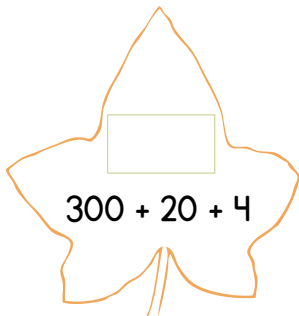7. 595   = _____ + _____ + _____

8. 902   = _____ + _____ + _____

9. 764   = _____ + _____ + _____

10. 819   = _____ + _____ + _____

Numbers in Expanded Form

Write the numbers in standard form in the box.

300 + 20 + 4

700 + 10 + 2

200 + 50 + 8

600 + 70 + 1

100 + 30 + 5

700 + 80 + 9

400 + 10 + 1

100 + 1

100 + 10 + 1

600 + 40 + 6

800 + 60 + 3

500 + 90 + 7

200 + 20 + 5

900 + 90 + 9

200 + 20 + 9

400 + 30 + 4
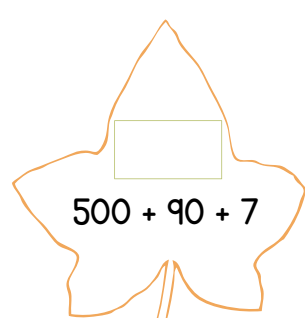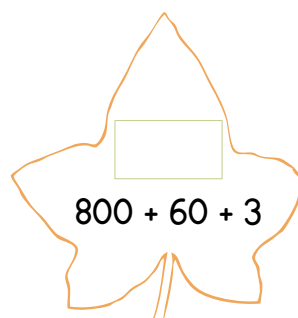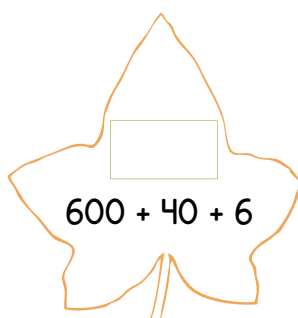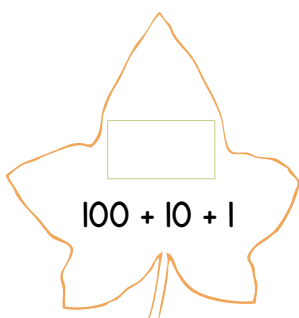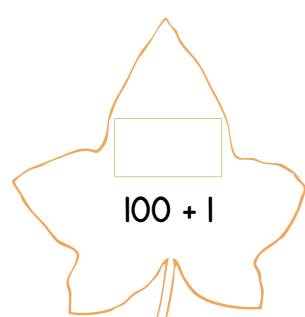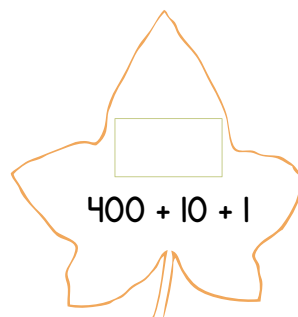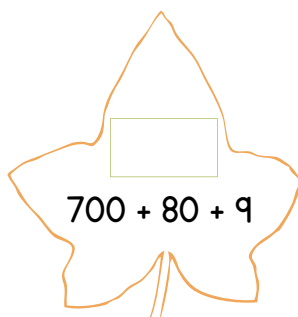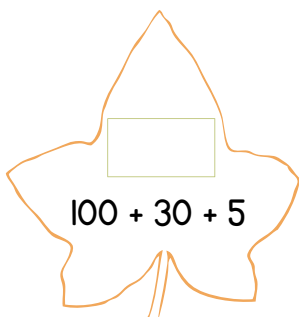
Greater Than, Less Than, and Equal To

Count the number of stars in each set. Compare using >, <, or = .

5 < 10

_____

☆ ☆

_____

☆ ○ ☆

_____

☆ ○ ☆

_____

☆ ○ ☆

PICTOGRAPH

Use the pictograph to answer the questions that follow.

BOOKS BORROWED IN THE LIBRARY	
Monday	📘 📘 📘 📘
Tuesday	📘 📘 📘
Wednesday	📘 📘 📘 📘 📘
Thursday	📘 📘 📘 📘
Friday	📘 📘 📘 📘 📘 📘
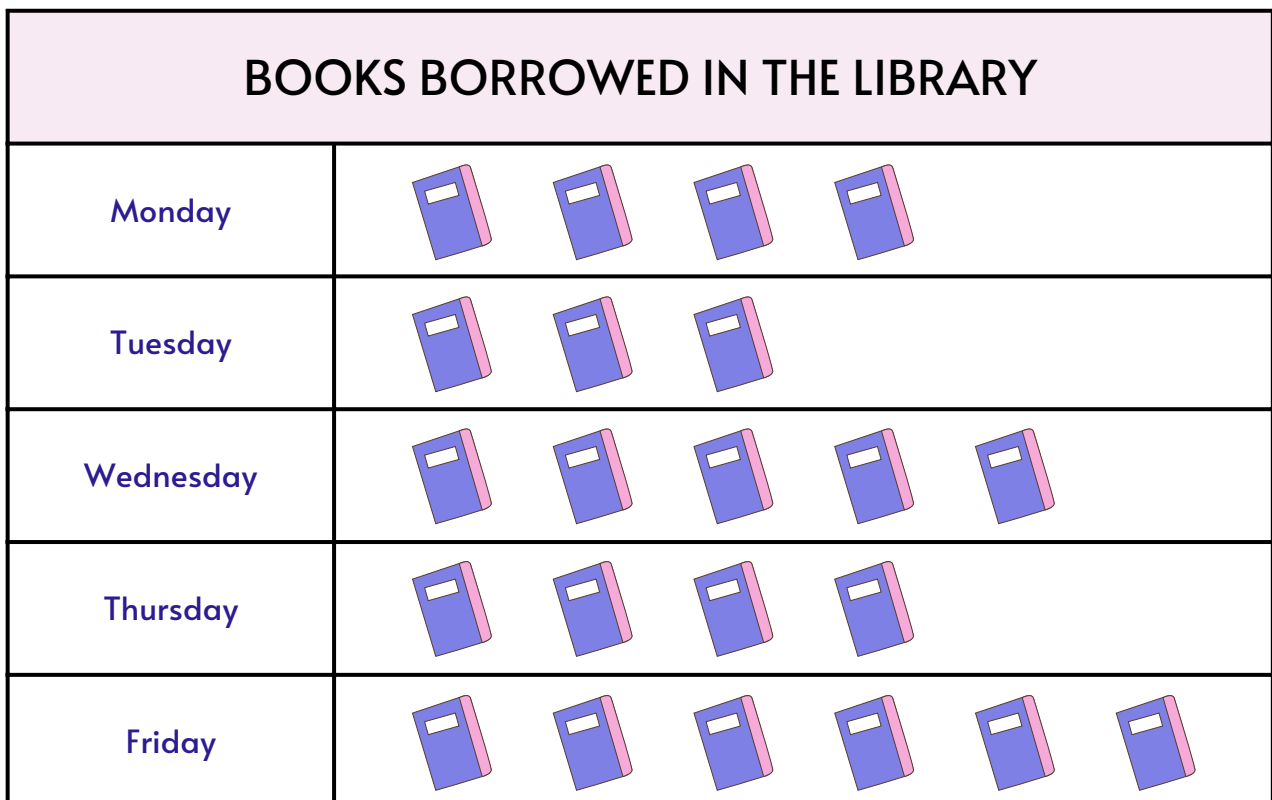
Legend: 📘 = 5 books

1. What is the title of the pictograph?

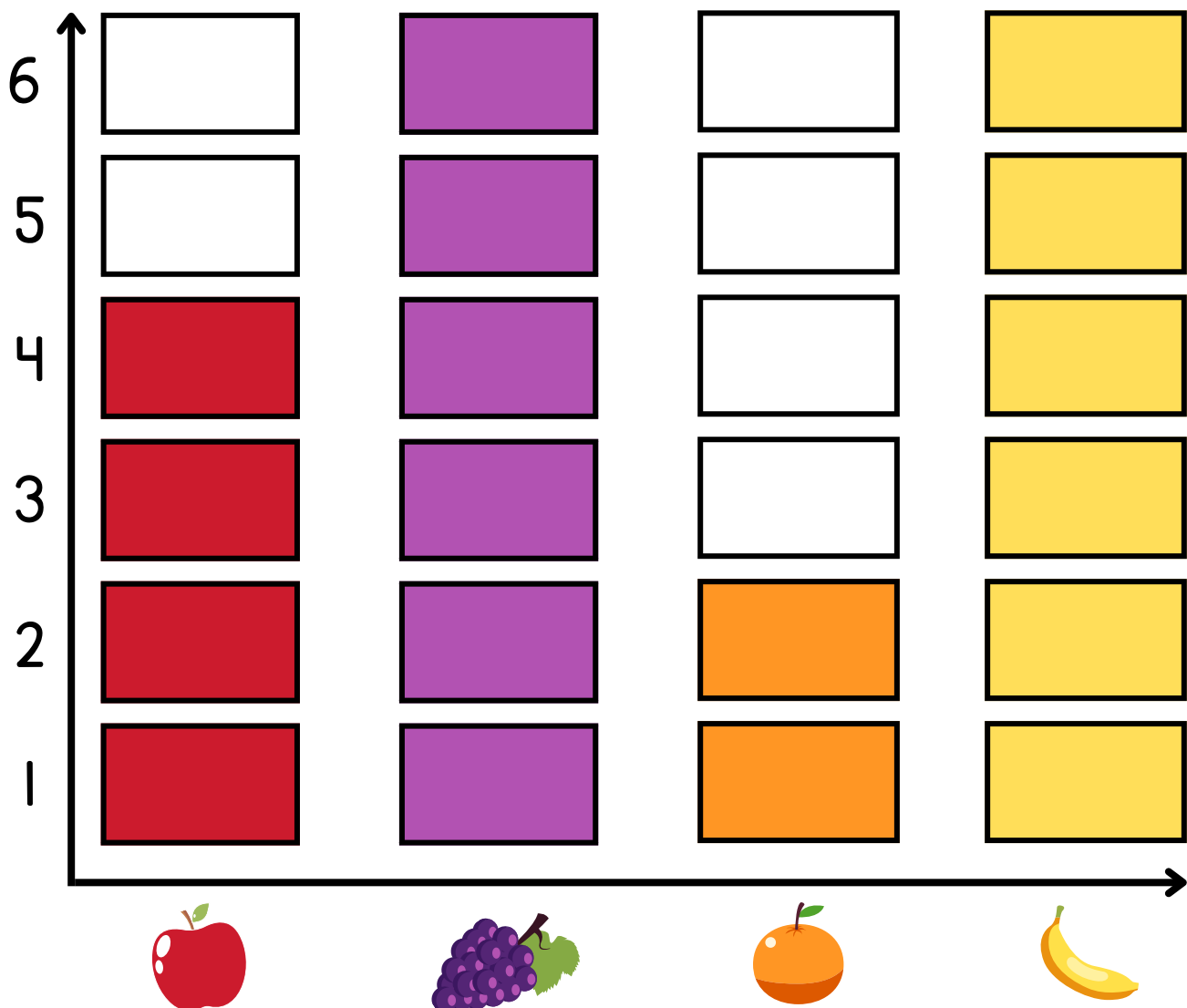_____

2. How many books were borrowed on Wednesday?

_____

3. What day has the highest number of books borrowed from the library?

_____

4. What day has the least number of books borrowed from the library?

_____

5. What is the total number of books borrowed from the library in a week?

_____

Favorite Fruits

Look at the bar graph below. Use the graph to answer the questions.
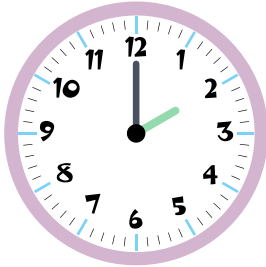

How many people like apples?   _____

How many people like grapes?   _____
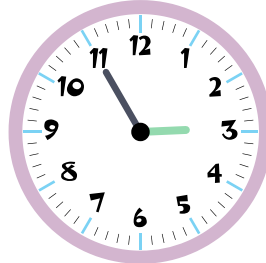
How many people like oranges?   _____

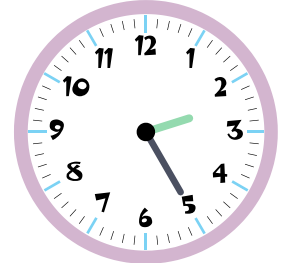How many people like bananas?   _____
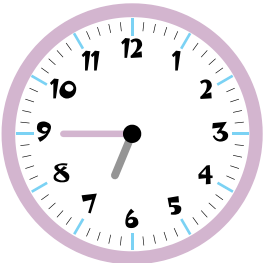
Telling Time

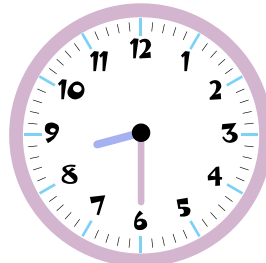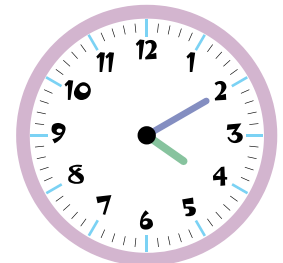Circle the correct time.

12:00   2:00
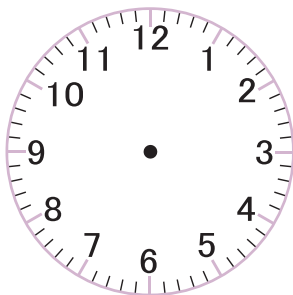
2:55   3:55
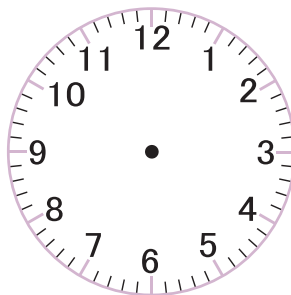
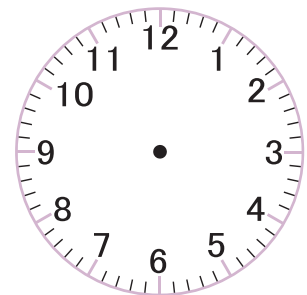**2:05   2:25**

6:45   7:09

9:30   8:30

4:02   4:10
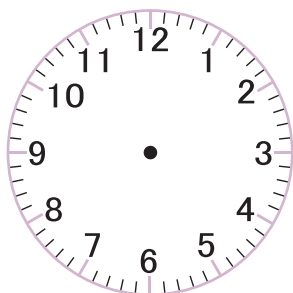
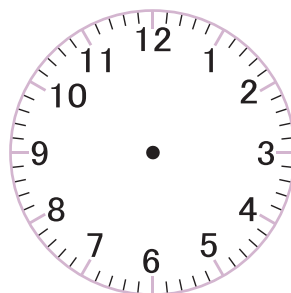Draw the hands of the clock to show the given time.
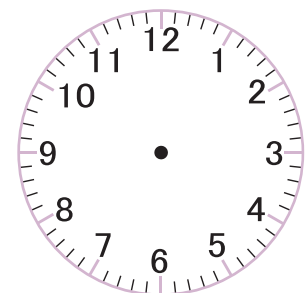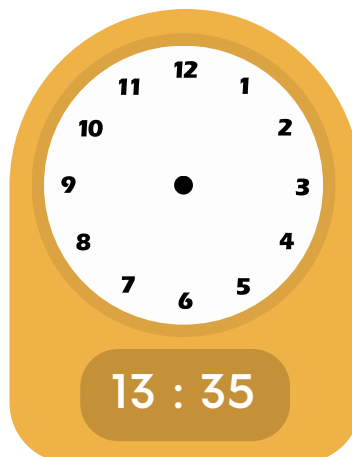
6:00

8:30

10:15

12:45

2:55

5:20

Draw and Telling Time

Draw the hands on the clock to show the time

7 : 35

8 : 00

8 : 15

9 : 45

10 : 00

11 : 25

12 : 05

13 : 35

15 : 50
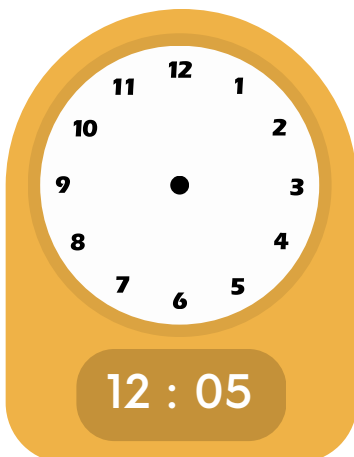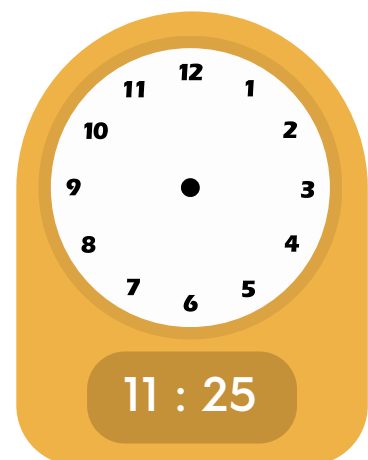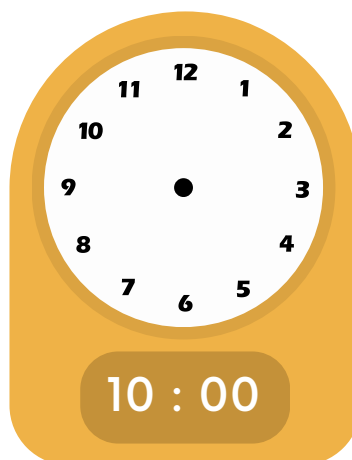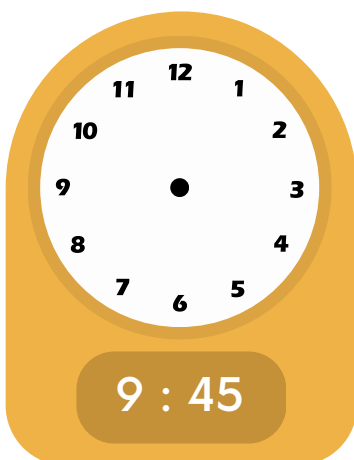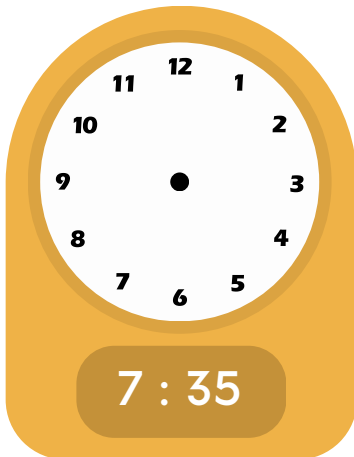
What Time Is It?

Do you know how to use clocks? Using the given time, draw me the lines of the clock and tell me the time.
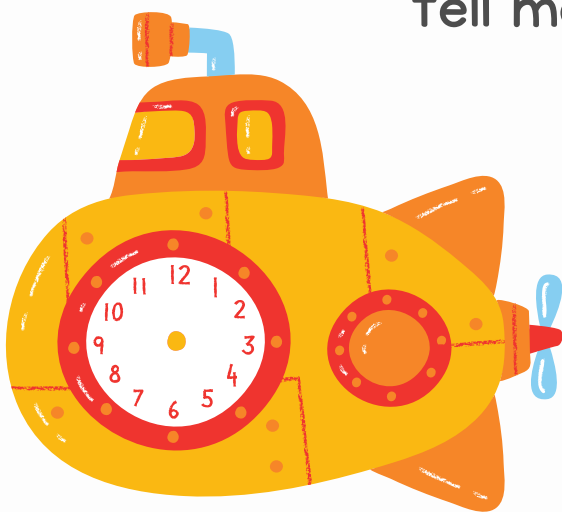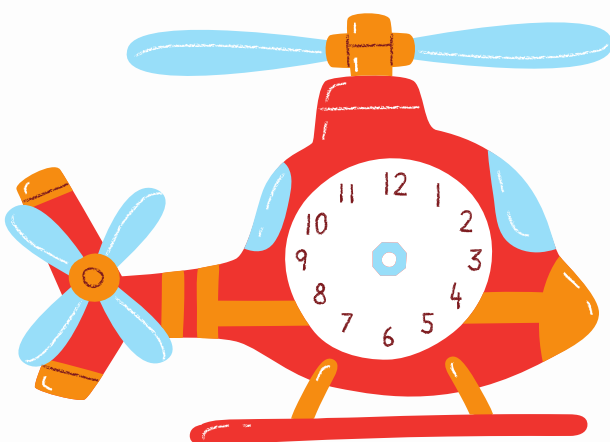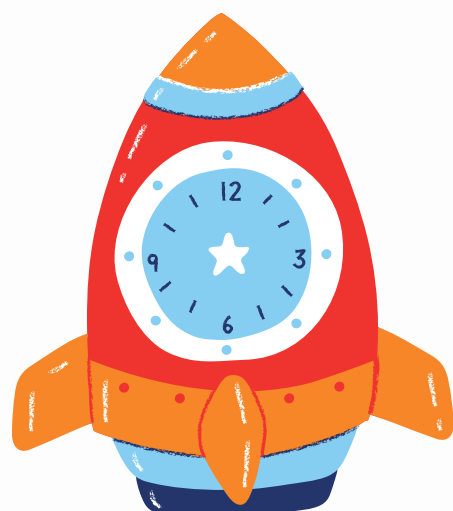
10:20	08:05
11:25	06:55

Addition Problems

Read each word problem. Count the pictures to find the sum.

1. Aaron gave me 2 candies.
   Anna gave me 4 candies.
   How many do I have in all?

   ___ + ___ = ___

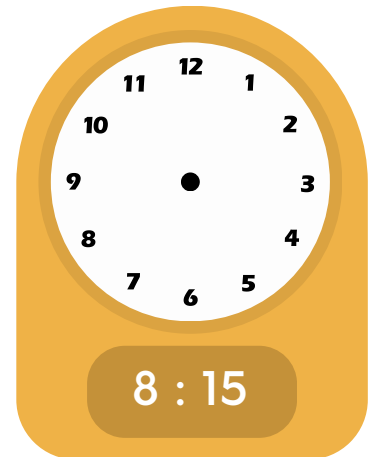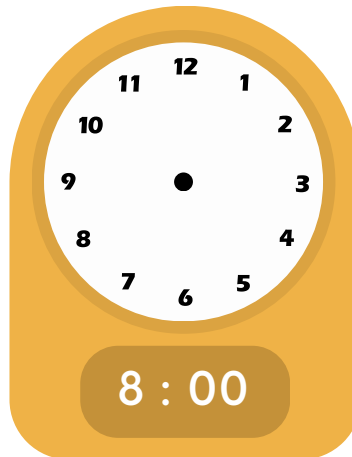2. I have 4 ribbons.
   Mimi gave me 4 more.
   How many do I have in all?

   ___ + ___ = ___

3. Ben has 5 balls.
   Greg has 4 balls.
   How many balls do they have?

   ___ + ___ = ___
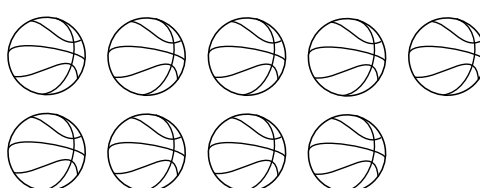
3 Digit Addition

Solve each addition equation.

```
  643        223        361        146
+ 132      + 147      + 749      + 621
-----      -----      -----      -----
  775
```

```
  356        241        238        643
+ 951      + 614      + 132      + 132
-----      -----      -----      -----
```
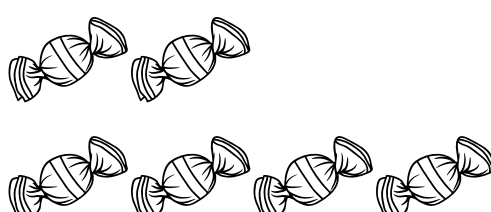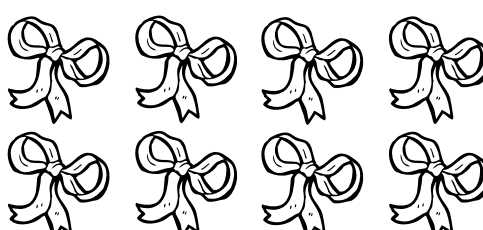
```
  219        358        178        727
+ 852      + 232      + 335      + 152
-----      -----      -----      -----
```

```
  382        711        455        468
+ 266      + 244      + 782      + 481
-----      -----      -----      -----
```

Word Problems

Draw a picture to solve each word problem below. Make sure to label your answer.

1.

Paxton swam 34 feet on Monday and 62 feet on Tuesday. How many feet did he swim in the two days ?

2.

Jacob used a yard stick to measure the rooms in his home. The bathroom had a length of 6 yards and the kitchen had a length of 18 yards. How much longer is the kitchen?

3.

Heidi wanted to see how much her hair grew in a month. The starting length was 23 centimeters. One month later the length was 27 centimeters. How much did her hair grow?

Addition Problems

Instructions: Read the addition problem. Solve the problem by writing the number sentence correctly.

Farmer Bob has one turkey in the coop, and his neighbor gives him one more turkey. How many turkeys are in the coop now?

_____ + _____ = _____

There are five ducks playing around the pond, and two more ducks join them. How many ducks are there now?

_____ + _____ = _____

There are three horses in the stable, and one more horse comes to join them. How many horses are in the stable now?

_____ + _____ = _____

Subtraction

Solve the subtraction problems. Use the answers to solve the riddle by writing the letters with their answers on the lines below.

A $\begin{array}{r} 326 \\ -\ 85 \\ \hline \end{array}$
F $\begin{array}{r} 87 \\ -\ 59 \\ \hline \end{array}$
Y $\begin{array}{r} 73 \\ -\ 25 \\ \hline \end{array}$
P $\begin{array}{r} 978 \\ -229 \\ \hline \end{array}$
R $\begin{array}{r} 503 \\ -124 \\ \hline \end{array}$

I $\begin{array}{r} 265 \\ -194 \\ \hline \end{array}$
G $\begin{array}{r} 97 \\ -23 \\ \hline \end{array}$
M $\begin{array}{r} 81 \\ -56 \\ \hline \end{array}$
L $\begin{array}{r} 300 \\ -\ 92 \\ \hline \end{array}$
B $\begin{array}{r} 433 \\ -182 \\ \hline \end{array}$

O $\begin{array}{r} 846 \\ -508 \\ \hline \end{array}$
S $\begin{array}{r} 524 \\ -439 \\ \hline \end{array}$
E $\begin{array}{r} 660 \\ -143 \\ \hline \end{array}$
W $\begin{array}{r} 741 \\ -326 \\ \hline \end{array}$
H $\begin{array}{r} 800 \\ -104 \\ \hline \end{array}$

N $\begin{array}{r} 808 \\ -117 \\ \hline \end{array}$

___ ___ ___ ___ ___   ___ ___ ___ ___ ___ ___ ___
241 749 379 71 208   85 696 338 415 517 379 85

___ ___ ___ ___ ___   ___ ___ ___   ___ ___ ___ ___ ___ ___ ___ .
251 379 71 691 74   25 241 48   28 208 338 415 517 379 85

PROBLEM SOLVING

1 Albie has 11 toy cars and he left four at the park. How many cars does he have now?

2 Carlos had 16 balloons. Two popped and six blew away. How many does he have left now?

3 Kara has 20 pet frogs. One died and four jumped away. How many does she have left?

LONG DIVISION

Solve each division problem and check answer using multiplication.

1.

$7 \overline{)868}$

Check:

2.

$3 \overline{)825}$

Check:

3.

$9 \overline{)927}$

Check:

4.

$6 \overline{)726}$

Check:

5.

$8 \overline{)864}$

Check:

6.

$5 \overline{)985}$

Check:

SIMPLE DIVISION

Using the first one as your example, complete the following simple division problems.

```
        12
   12 ) 144
       -12
        24
       -24
         0
```

```
        _ _
   22 ) 462
       -_ _
        _ _
       -_ _
         0
```

```
        _ _
   13 ) 208
       -_ _
        _ _
       -_ _
         0
```

```
        _ _
   15 ) 540
       -_ _
        _ _
       -_ _
         0
```

```
        _ _
   18 ) 234
       -_ _
        _ _
       -_ _
         0
```

```
        _ _
   17 ) 425
       -_ _
        _ _
       -_ _
         0
```

$$25 \overline{)800}$$

$$31 \overline{)434}$$

$$45 \overline{)855}$$

$$16 \overline{)304}$$

$$19 \overline{)323}$$

$$32 \overline{)576}$$

MULTIPLICATION PRACTICE

13 x 24	75 x 36	47 x 18	79 x 40	10 x 41	62 x 23
14 x 35	26 x 27	58 x 39	40 x 21	72 x 23	84 x 45
86 x 37	28 x 39	30 x 21	82 x 23	44 x 35	96 x 47

Multiplication Strategy
Arrays

Rows with an equal number of items in each row.

Example:
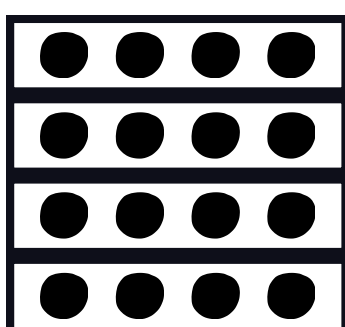
4 rows of 4
$4 \times 4 = 16$

Write a multiplication problem to match the model:
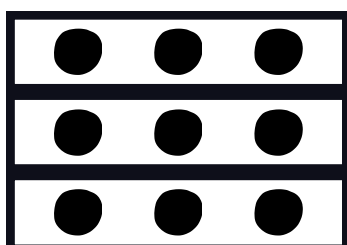
Draw a model to match the multiplication problem and figure out the answer:
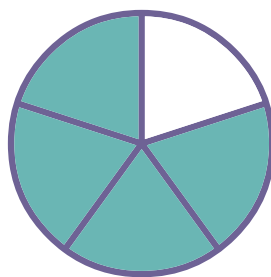
$4 \times 6 =$

Multiplication Strategy Equal Groups

Groups with an equal number of items in each group.

Example:
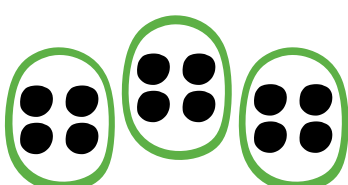
3 groups of 4
$3 \times 4 = 12$

Write a multiplication problem to match the model:
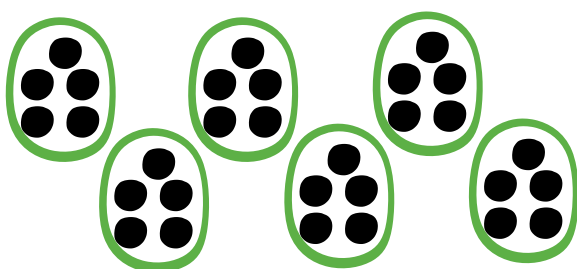
Draw a model to match the multiplication problem and figure out the answer:

$8 \times 7 =$

FRACTION

Write the fraction for the shaded area of each shape.
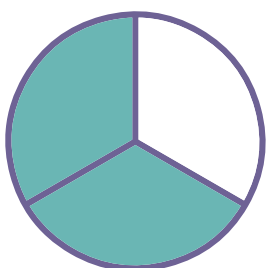

(example)

= $\dfrac{3}{5}$

= —

= —
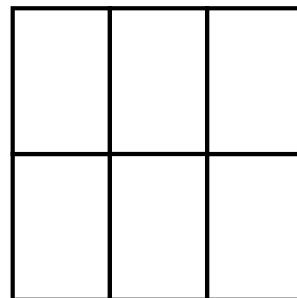

= —

= —

= —

= —

= —

= —
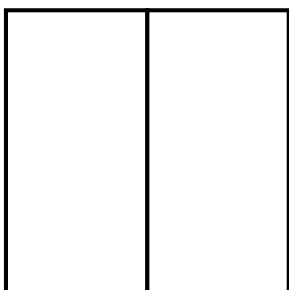

= —
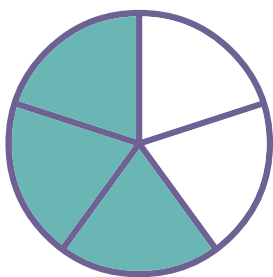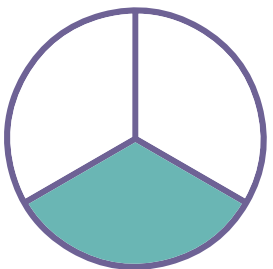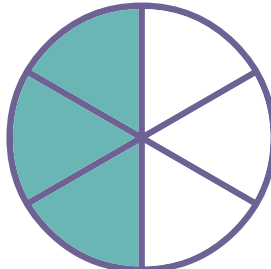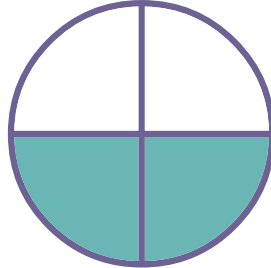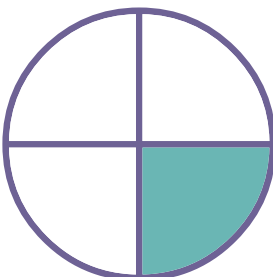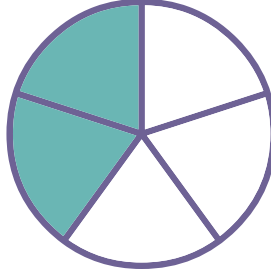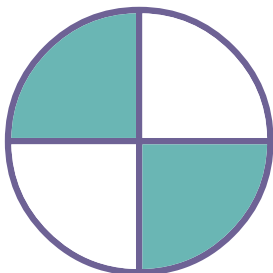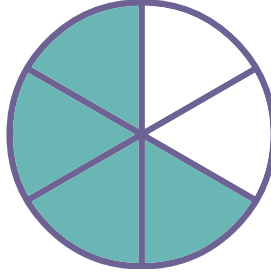
Shading **FRACTIONS**

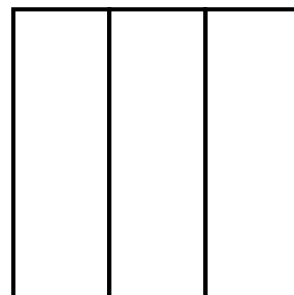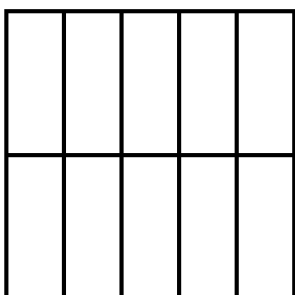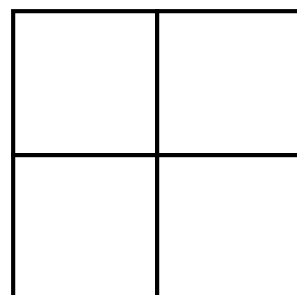## Shade in the following fractions:
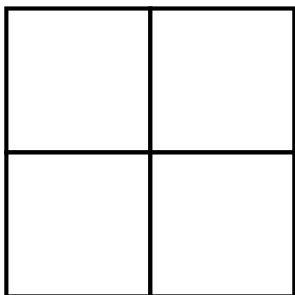
$$\frac{4}{4}$$

$$\frac{3}{6}$$

$$\frac{1}{2}$$

$$\frac{2}{3}$$

$$\frac{5}{10}$$

$$\frac{3}{4}$$

Roll, Add and Color

Role a pair of dice. Add the numbers together and color the picture.

2 grey	3 red	4 pink	5 purple	6 aqua

7 blue	8 green	9 yellow	10 orange	11 navy	12 gold