Singapore Math

Summer Review

Grade 3

The Calverton School

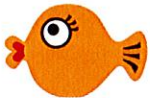Name _____

Numbers to 1,000
Counting

Name:
Date:

Match.

Three hundred eighty two

Four hundred sixty one

Nine hundred twenty

Six hundred three

382

603

461

920

Write the numbers.

Example

Eight hundred forty-two   842

Nine hundred nineteen

Six hundred twenty-five

Two hundred seven

Five hundred eleven

Do you find this work easy?

Addition to 1,000
Addition with regroup in ones

Name:
Date:

```
    5  7  5              3  2  7              5  8  4
 +  1  2  6           +     4  6           +  3  0  9
 _____           _____           _____

 _____           _____           _____
      (E)                  (B)                  (W)


    1  2  9              7  9  9              4  0  6
 +  2  5  6           +     2  4           +  3  9  9
 _____           _____           _____

 _____           _____           _____
      (R)                  (A)                  (V)


    9  2  9              5  6  5              3  8  8
 +     3  6           +  3  3  7           +     1  8
 _____           _____           _____

 _____           _____           _____
      (K)                  (S)                  (N)
```

**I am an odd number; take away an alphabet and I become even.
What number am I?**

3 7
9

902	701	805	701	406

Do you find this work easy?

Addition to 1,000
Addition with regroup in ones

Name:
Date:

Word Problem

Lucy has 739 stamps. Her brother gives her 436 more. How many stamps does Lucy have now?

Lucy has [____] stamps.

Sam finds 218 seashells at the beach. Tim has 379. How many seashells do they have altogether?

They have [____] seashells.

Enzo received $808 from his father and another $89 from his mother. How much money does he have now?

Enzo has [____] .

During a bake sale, Ruth was able to sell 234 chocolate cookies and 446 raisin cookies. How many cookies were sold in total?

There were [____] cookies sold.

Do you find this work easy?

Subtraction to 1,000
With Regrouping in Tens and Ones

Name:
Date:

Practice

a. 5 6 3
   -   8
   _____

b. 3 4 3
   -   7
   _____

c. 2 8 1
   -   9
   _____

d. 4 1 2
   -   6
   _____

e. 5 3 2
   -   5
   _____

f. 7 8 8
   -   9
   _____

---

352 - 8

= 3 hundreds 5 tens 2 ones – 8 ones

= 3 hundreds 4 tens ☐ ones – 8 ones

= 3 hundreds 4 tens ☐ ones

= ☐

   3 5 2
-     8
_____

Use the number line to count backwards.

352

Subtract and match.

379

337

243

528

   3 4 5
-     8
_____

   2 5 1
-     8
_____

   3 8 8
-     9
_____

   5 3 4
-     6
_____

Since   782 – 10 = ☐

➡   782 – 9 = ☐

Since   345 – 6 = ☐

➡   345 – 26 = ☐

Fill in <, > or =, without working out the answer.

a.   343 – 7   ☐   353 - 7

b.   245 - 8   ☐   255 - 18

c.   781 – 11   ☐   881 - 111

Do you find this work easy?

Subtraction to 1,000
Review

Name:

Date:

842 - 325

= 8 hundreds 4 tens 2 ones – 3 hundreds 2 tens 5 ones

= 8 hundreds 3 tens ☐ ones – 3 hundreds 2 tens 5 ones

= ☐ hundreds ☐ tens ☐ ones

= ☐

Subtract

a.
```
  8 4 2
- 3 2 5
```

b.
```
  7 2 5
-   1 3
```

c.
```
  8 2 1
-     8
```

d.
```
  4 4 7
-     5
```

e.
```
  2 1 7
-   ☐
  2 1 4
```

f.
```
  5 6 2
-   ☐
  5 5 8
```

Baker Bob sells 873 muffins and 558 pies. How many more muffins than pies did Baker Bob sell?

☐

Lucy subtracts 280 from 345.

345 - 280 = ☐

Tom finds the answer by doing 365 – 300. Would he get the same answer? Why?

You may use the number line to explain the answer.

```
———————————————|———————▶
                345
```

```
———————————————|———————▶
                365
```

Do you find this work easy?

Multiplication and Division
How to Multiply

Name:
Date:

---

a. 5 alligators are skating on wheels. There are 4 wheels on each alligator. How many wheels are there altogether?

5 groups of 4s = | 20 |

| 4 | + | 4 | + | 4 | + | 4 | + | 4 | = | 20 |

| 5 | × | 4 | = | 20 |

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b. Each lion can juggle 2 balls on their tails. How many balls are there on 6 lions?
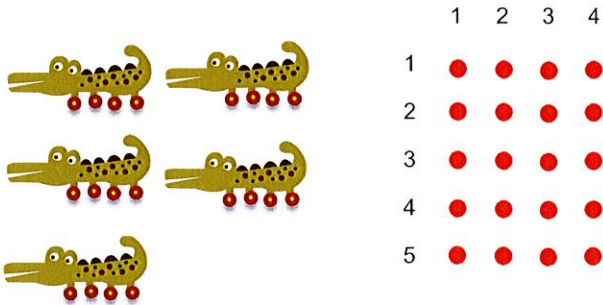
6 groups of 2s = | |

☐ + ☐ + ☐ + ☐ + ☐ + ☐ = ☐

☐ × ☐ = ☐

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c. Some elephants are playing hide and seek. 2 elephants can hide under one tree. How many elephants can hide under 3 trees?
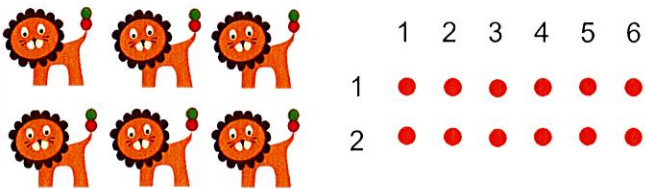
3 groups of 2s = | |

☐ + ☐ + ☐ = ☐

☐ × ☐ = ☐

---

d. There are 9 books on each shelf. There are 3 shelves in the bookcase. How many books are there?

3 groups of 9 s = | |

☐ + ☐ + ☐ = ☐

☐ × ☐ = ☐

Do you find this work easy?

Multiplication and Division
How to Multiply
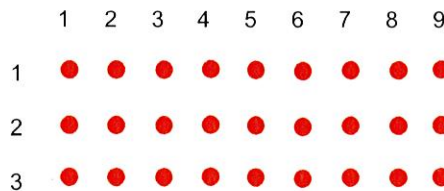
Name:

Date:

Let's learn multiplication!

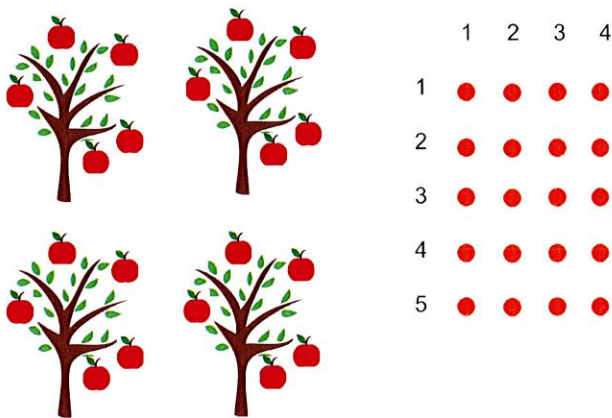a. There are 4 chocolate frostings on each cake. How many frostings are there on 8 cakes?

	1	2	3	4	5	6	7	8
1	●	●	●	●	●	●	●	●
2	●	●	●	●	●	●	●	●
3	●	●	●	●	●	●	●	●
4	●	●	●	●	●	●	●	●

☐ × ☐ = ☐
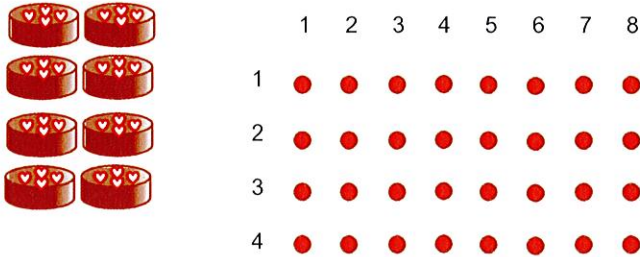
The number is ☐

---

c. There are 4 rows of windows. Each row has 3 windows. How many windows are there?

☐ × ☐ = ☐
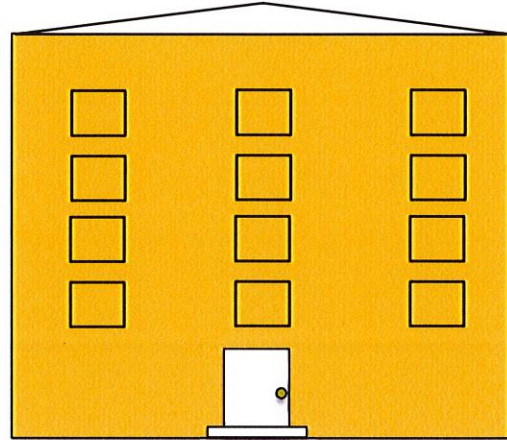
The number is ☐

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b. There are 5 apples in each tree. How many apples are there on 4 trees?

	1	2	3	4
1	●	●	●	●
2	●	●	●	●
3	●	●	●	●
4	●	●	●	●
5	●	●	●	●

☐ × ☐ = ☐

The number is ☐

	Addition Statement	Multiplication Statement
🍎🍎 🍎🍎 🍎🍎	2 + 2 + 2 = 6	3 x 2 = 6
🐟🐟🐟 🐟🐟🐟 🐟🐟🐟		
👧👧👧👧 👧👧👧👧		

Do you find this work easy?

Multiplication and Division
How to Divide

Name:

Date:

Meaning of Division.

a. Circle to show groups of 3.

12   ÷   3   =   ☐

b. Circle to show groups of 4.

12   ÷   4   =   ☐
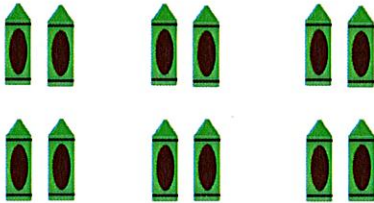
c. Circle to show 3 groups.

12   ÷   3   =   ☐
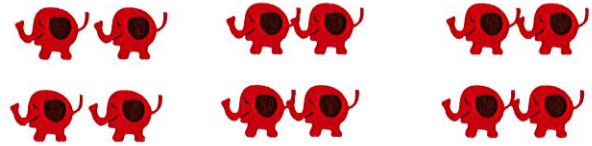
d. Circle to show 4 groups.

12   ÷   4   =   ☐
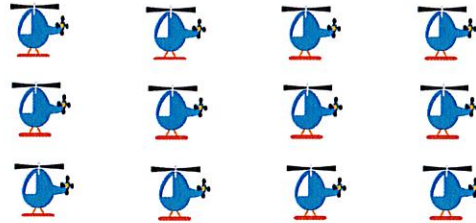
a. **Sam needs to divide 16 apples **equally** into 2 groups. How many are there in each group?

☐   ☐

Group A   Group B

b. Sam needs to divide 16 into 2 groups. However, the two groups are not equal. Group X needs to have 2 more than Group Y. How many are there in Group X and how many are there in Group Y?

☐   ☐

Group X   Group Y

Do you find this work easy?

Length
Measuring and comparing meters

Name:
Date:

Fill in the correct answer.

Look at the trees.

Look at the cars.

4 m

3 m

Tree A

Tree B

2 m

3 m
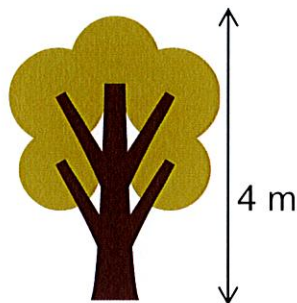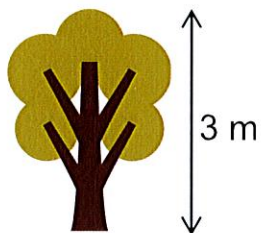
Car C
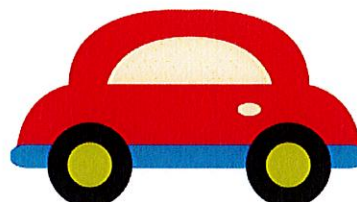
Car D

a. Which tree is taller? Tree ☐

c. Which car is longer? Car ☐

b. How much taller is it? ☐ m

d. How much longer is it? ☐ m

Look at the trucks. Answer the following questions.

3 m
Truck A

4 m
Truck B

6 m
Truck C

a) Which truck is the shortest? Truck ☐

b) Which truck is the longest? Truck ☐

c) Truck C is ☐ meters longer than Truck A.

d) Truck A is ☐ meters shorter than Truck B.

Do you find this work easy?

Length
Measuring and comparing meters

Name:
Date:

Tell the length of each object.
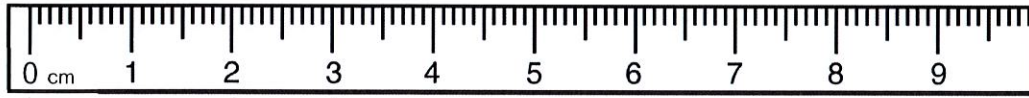
The length of the crayon is ☐ cm.

The length of the notebook is ☐ cm.

The crayon is ☐ cm shorter than the notebook.

The notebook is ☐ cm longer than the crayon.

Estimate and then measure the actual length of each line using a string and a ruler.

a) A ——————————— B

Estimate: about ☐ cm   Actual: ☐ cm

b) C ——————————— D

Estimate: about ☐ cm   Actual: ☐ cm

c) E ⌒⌒ F

Estimate: about ☐ cm   Actual: ☐ cm

Do you find this work easy?

Mass
Kilograms

Name:
Date:

Fill in the blanks with 'lighter than', 'heavier than' or 'as heavy as'.

a.

strawberry
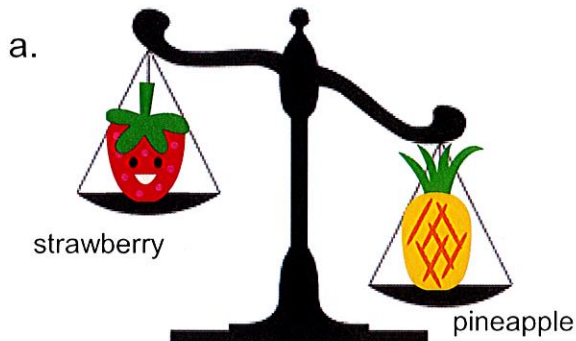
pineapple

The pineapple is _____ the strawberry.

b.
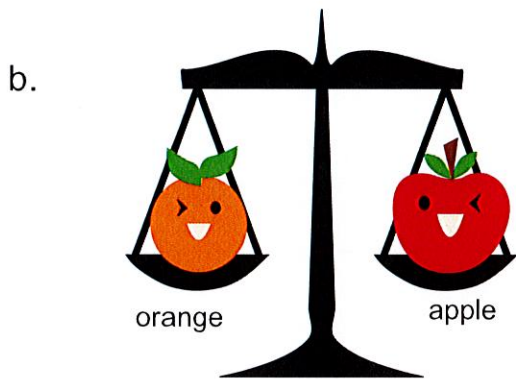
orange   apple

The orange is _____ the apple.

c.
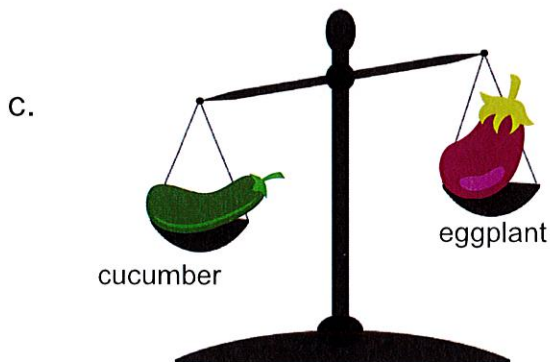
cucumber   eggplant

The eggplant is _____ the cucumber.

Fill in the boxes and blanks.

3 potatoes

grapes

pie

bowl of eggs
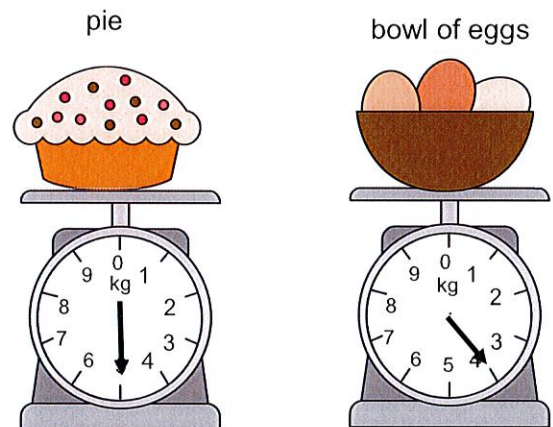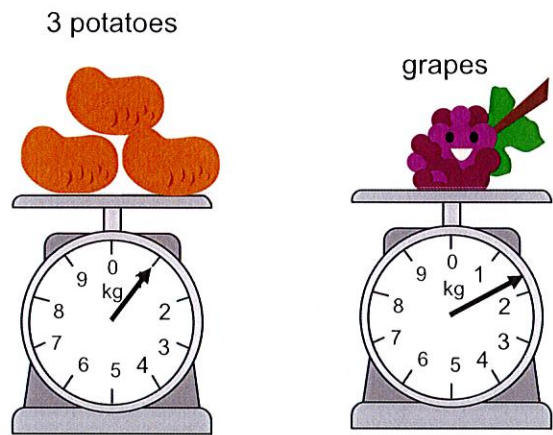
a. The mass of 3 potatoes is ☐ kg.

b. The mass of the pie is ☐ kg.

c. The mass of _____ is less than 2 kg. It is more than 1 kg.

d. The _____ is heavier than the 3 potatoes by 4 kg.

e. The _____ is lighter than the pie. It is heavier than the bunch of grapes.

Do you find this work easy?

Mass
Comparing grams

Name:
Date:

Read each sentence.
Write True or False.

watermelon

100g

100g 200g

watermelon
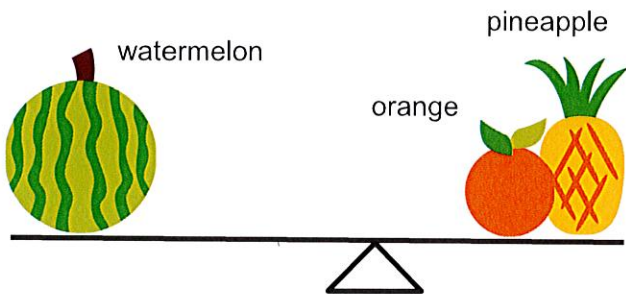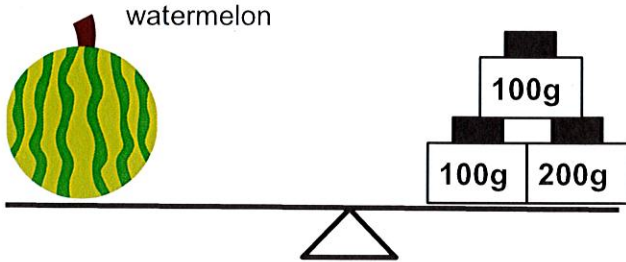
pineapple

orange

a. The mass of the watermelon is 300g. _____

b. The watermelon has the same mass as the total mass of both the pineapple and orange.

_____

c. The mass of the watermelon is 400g. _____

d. The pineapple is heavier than the watermelon. _____

a. List the items (one apple, one carrot, one cucumber) in order of weight. Starting with the lightest.

cucumber

carrots   carrots
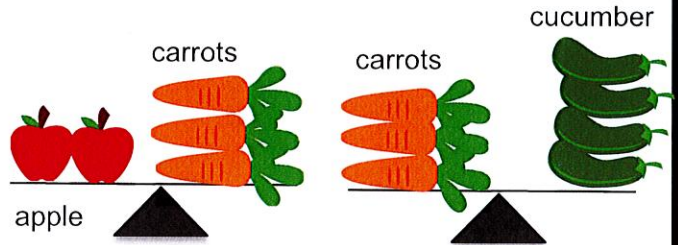
apple

_____ , _____ , _____
lightest   heaviest

b. One apple is equal in weight to _____ cucumbers.

List the items (tomato, strawberry, watermelon) in order of weight. Starting with the lightest.

tomato   tomato

strawberry

watermelon

_____ , _____ , _____
lightest   heaviest

Do you find this work easy?
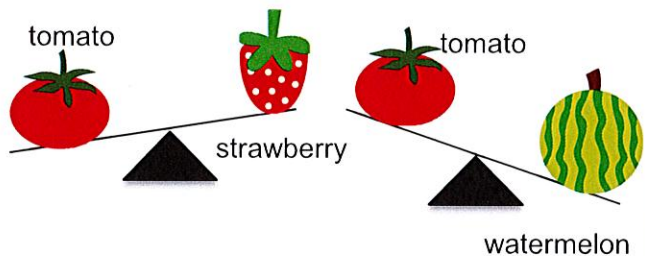
Money
Coins and Bills

Name:

Date:

Circle the bills that make $10.
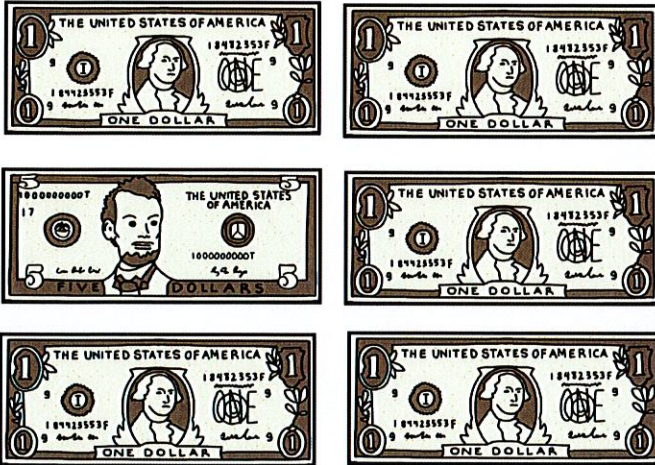
Circle the bills that make $20.

---

a.
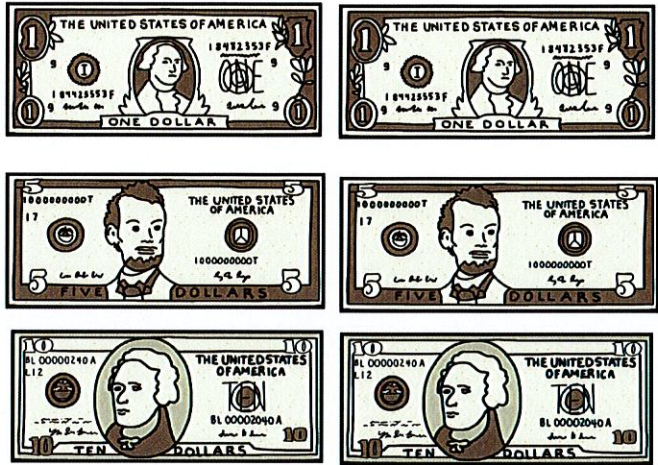
Mark has _____ dollars and _____ cents.

He has _____.

b.

Jane has _____ dollars and _____ cents.

She has _____.

Color the coins given below to make $1.

Do you find this work easy?

Money
Coins and Bills

Name:
Date:

Write the cents in dollars.

a. 3¢ _____

b. 28¢ _____

c. 130¢ _____

d. 434¢ _____

e. 542¢ _____

f. 638¢ _____

g. 814¢ _____

Write the dollars in cents.

a. $5.90 _____

b. $7.75 _____

c. $4.62 _____

d. $8.30 _____

e. $25.45 _____

f. $49.84 _____

g. $76.39 _____

Michael has 18 coins. Half of the coins are nickels and half are quarters. How much money does Michael have?

Lucy paid for 4 muffins with 2 dimes and 3 quarters. She needs to pay for 12 muffins with _____ nickels and quarters.

Do you find this work easy?

Fractions
Understanding Fractions

Name:
Date:

Shade one half of the circle.

$\dfrac{1}{2}$
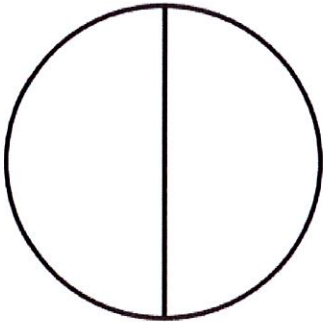
Shade one quarter of the circle.

$\dfrac{1}{4}$
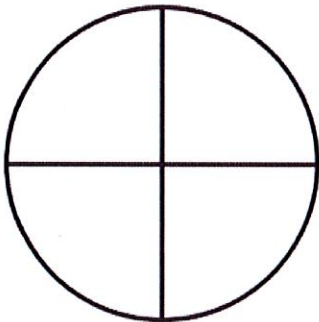
Are the following shapes divided into equal parts? Put a tick if the shape is divided into equal parts.
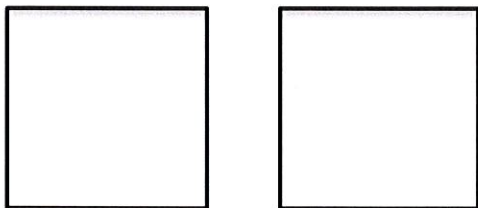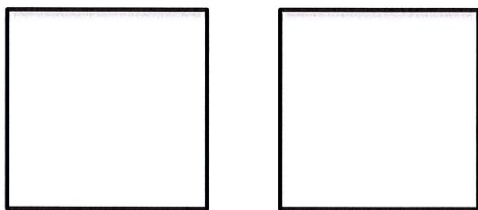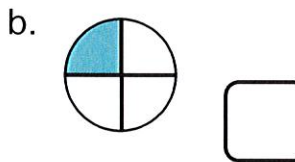
a. ▢

d. ▢

b. ▢

e. ▢

c. ▢

f. ▢
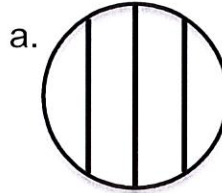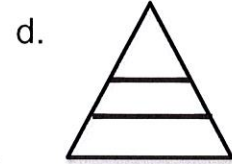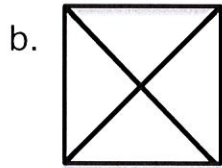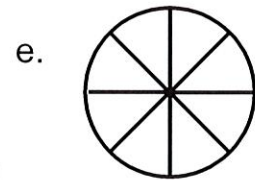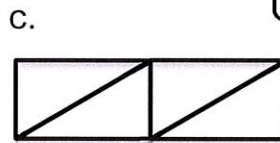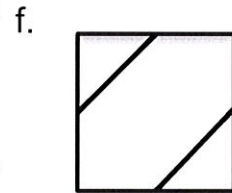
Divide the squares below into four equal parts.
Can you do it in four different ways?

Name the fractions.

a. ▢

c. ▢

b. ▢

d. ▢
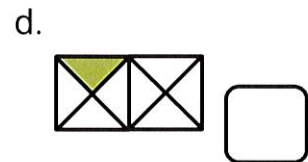
a. Shade one – fourth of the following shapes.

b. Shade one – sixth of the following shapes.

Do you find this work easy?

1

Fractions
Adding Like Fractions

Name:
Date:

Add the fractions. Write your answer in the box.

a. $\dfrac{2}{5} + \dfrac{1}{5} = \boxed{}$

b. $\dfrac{2}{6} + \dfrac{3}{6} = \boxed{}$

c. $\dfrac{4}{10} + \dfrac{5}{10} = \boxed{}$

d. $\dfrac{4}{12} + \dfrac{6}{12} = \boxed{}$

Add the shaded parts. Then, add the fractions.

a.

$\boxed{} + \boxed{} = \boxed{}$

b.

$\boxed{} + \boxed{} = \boxed{}$
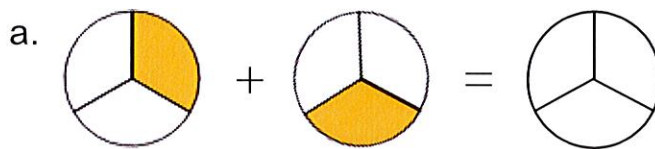
Write the missing addends. Add the fractions.

a. $\dfrac{2}{6}$, $\dfrac{5}{6}$

$\boxed{} + \dfrac{2}{6} = \dfrac{5}{6}$

b. $\dfrac{1}{8}$, $\dfrac{6}{8}$

$\dfrac{1}{8} + \boxed{} = \dfrac{6}{8}$

c. $\dfrac{9}{12}$

$\boxed{} + \boxed{} = \dfrac{9}{12}$
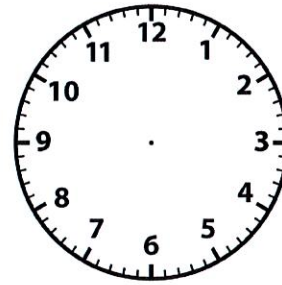
Do you find this work easy?
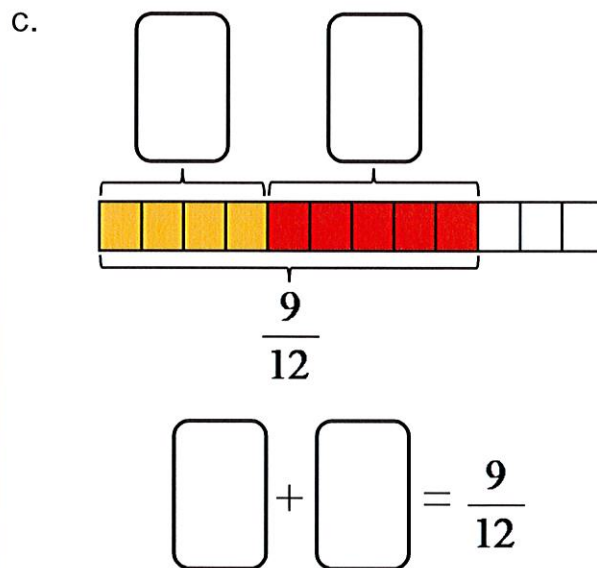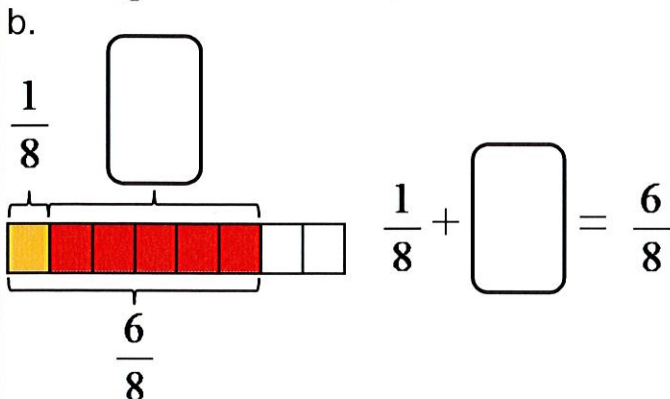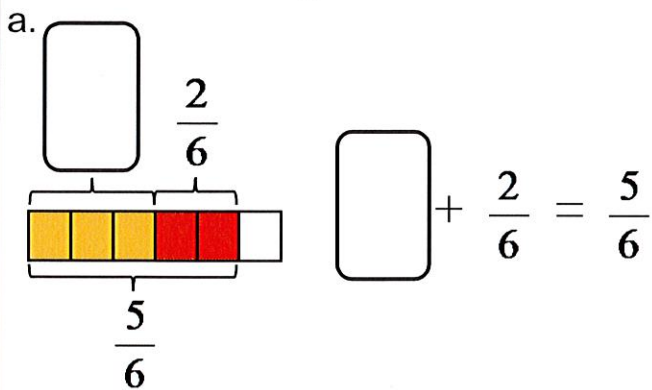
Time
Elapsed Time

Name:
Date:

Draw the hands on the clock. Then write the correct time.
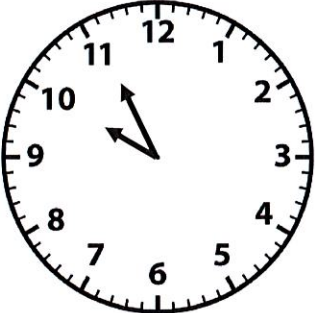
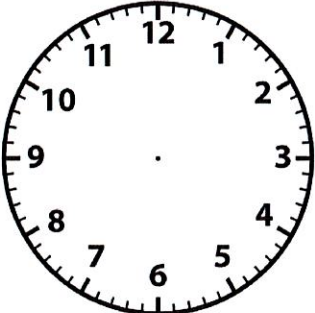30 min after 11:00 a.m.

11:00 a.m.

_____
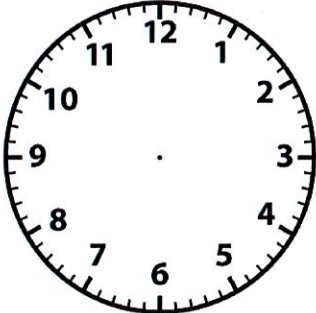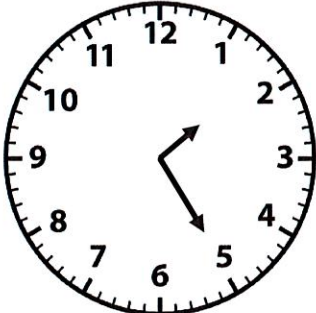
1 h after 5:30 p.m.

5:30 p.m.

_____
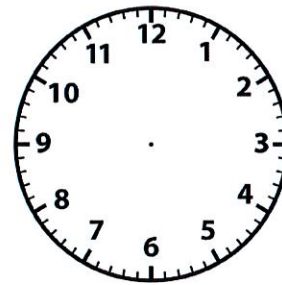
Draw the missing minute hand in each clock.

The car left at…	After…	The car arrived at…
1.	1 hour	
2.	1 hour 30 minutes	

Do you find this work easy?

Time
Elapsed Time

Name:
Date:

Look at the Birthday party program shown below. Then answer the questions.

Birthday Party Program	
11:00 a.m.	Check in
11:30 a.m.	Games
12:00 noon	Lunch
1:30 p.m.	Games
3:00 p.m.	Photo taking

a. Name two activities that are half an hour long.

_____

b. Name one program that is 1 hour and 30 minutes long.

_____

Write a.m. or p.m.

a. Jenny wakes up at 6:30
_____.

b. Sandra goes to bed at 9:00
_____.

c. He goes home after school at 4:00
_____.

d. James eats dinner at 7:30
_____.

e. Jessica takes a shower before bed at 6:00 _____.

Find the time.

a. 30 minutes before 5:00 a.m. is
_____.

b. 1 hour after 2:30 p.m. is
_____.

c. 30 minutes after 11:30 p.m. is
_____.

d. 1 hour before 1:00 a.m. is
_____.

e. 1 hour 30 minutes after 3:00 p.m. is
_____.

Do you find this work easy?

Picture Graphs
Reading Picture Graphs

Name:
Date:

The picture graph below show the number of toy cars each children have

Alex	
John	
Vince	
Aries	
Jeff	

Key: Each [car] stands for 10 toy Cars
Each [car] stands for 5 toy Cars

Based on the graph, answer the following questions.

a) How many toy cars has Aries collected? _____

b) Who collected the least number of toy cars? _____

c) How many toy cars has Vince collected? _____

d) Who collected the greatest number of toy cars? _____

e) Aries collected _____ more toy than Jeff.

f) John and Alex collected _____ toy cars altogether.
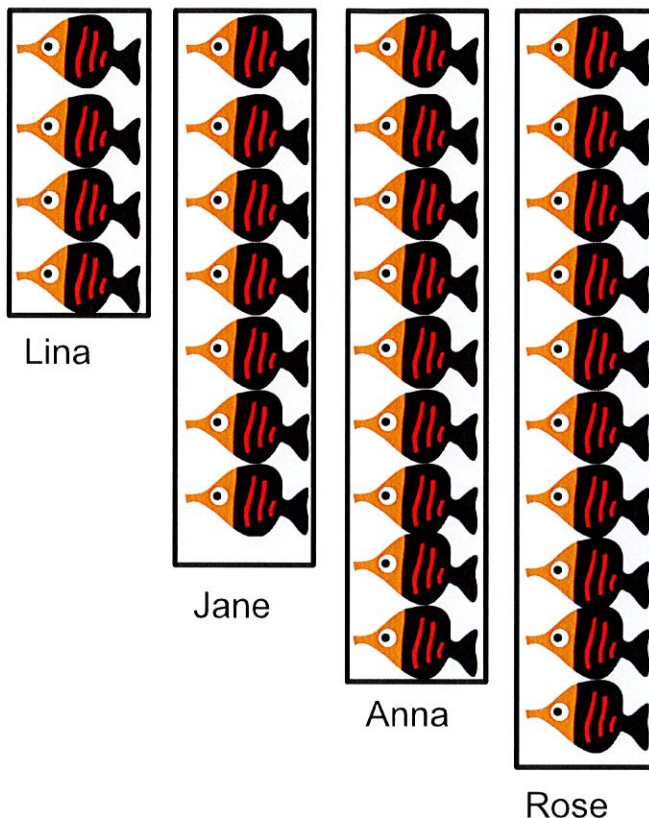
Lina

Jane

Anna

Rose

Count the number of fishes collected by each girl in their aquarium.

Lina	◯ ◯
Jane	
Anna	
Rose	

Key: Each ◯ stands for 2 fish
Each (stands for 1 fish
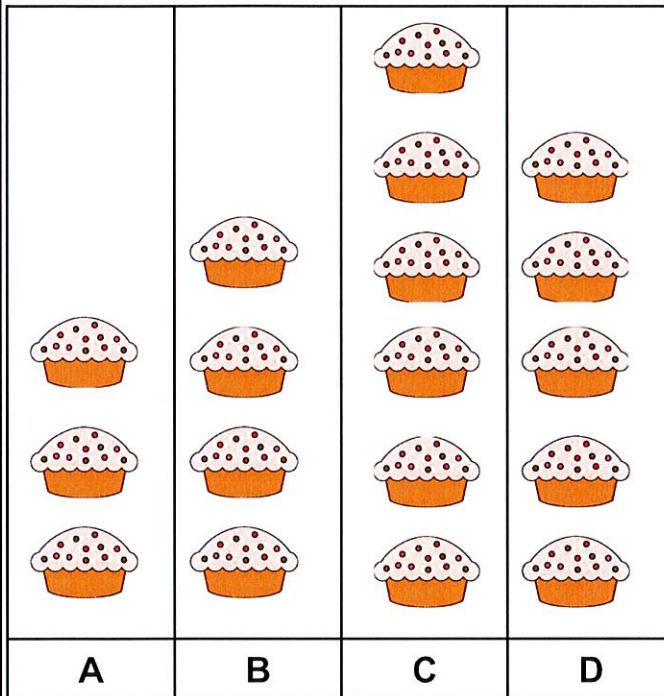
Do you find this work easy?

1

Picture Graphs
Reading Picture Graphs

Name:
Date:

The graph below shows the number of muffins made by different bakeries in a day.

| A | B | C | D |

Key: Each 🧁 is equal to 100 muffins.

The graph below shows the number of apples sent to different towns by Apple Company.
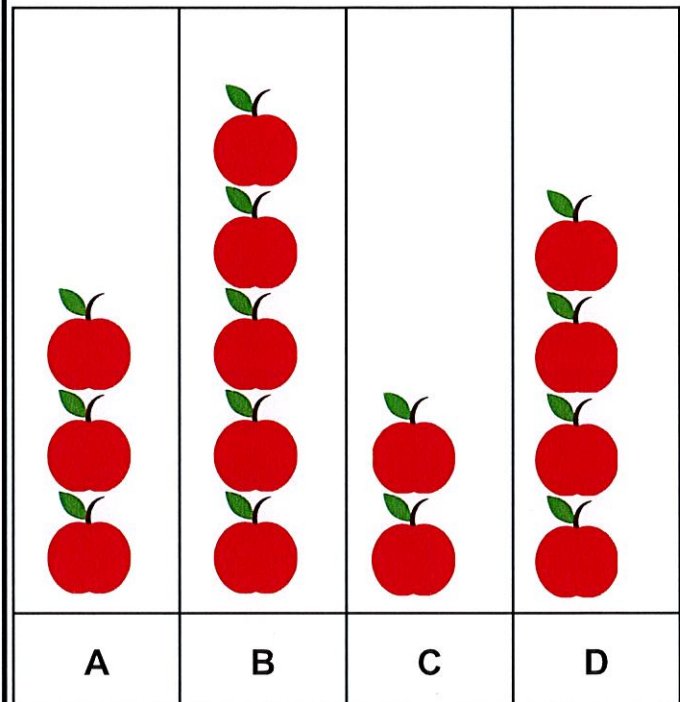

| A | B | C | D |

Key: Each 🍎 is equal to 50 apples.

Study the graph above, answer the following question about the graph.

a) How many muffins can bakery A make for a day? _____

b) Which bakery produces the least number of muffins? _____

c) How many more muffins does bakery C produce than bakery D? _____

d) How many muffins do all the bakeries produce altogether? _____

Study the graph above, answer the following question about the graph.

a) How many apples were sent to Town A? _____

b) How many more apples were sent to Town B than to Town C? _____

c) How many more apples should be sent to Town C to make it the same as Town D? _____

d) How many apples were sent altogether? _____

Do you find this work easy?

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