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DATE: \_\_\_\_\_

Day

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# Dividing 4-Digit Numbers (2)

Each of us has collected 68 eggs on average.

There are 18 children in your class.

$$\begin{array}{r} 68 \\ 18 \overline{) 1224} \\ \underline{108} \\ 144 \\ \underline{144} \\ 0 \end{array}$$

Do the division.

①  $42 \overline{) 2573}$       ②  $28 \overline{) 3444}$

③  $24 \overline{) 3840}$       ④  $60 \overline{) 4574}$

4-digit number  $\div$  2-digit number:

If the first 2 digits of the 4-digit number is smaller than the divisor, the quotient must be a 2-digit number.

e.g.  $36 \overline{) 2449}$   $\leftarrow$   $24 < 36$ ; consider 1 more digit

$$\begin{array}{r} 68R1 \\ 36 \overline{) 2449} \\ \underline{216} \downarrow \\ 289 \\ \underline{288} \\ 1 \end{array}$$

$\leftarrow$  There are 6 36's in 244.

$2449 \div 36 = 68R1$

⑤  $4263 \div 84 = \underline{\hspace{2cm}}$

⑥  $8400 \div 75 = \underline{\hspace{2cm}}$

⑦  $7682 \div 46 = \underline{\hspace{2cm}}$

⑧  $6177 \div 80 = \underline{\hspace{2cm}}$

⑨  $4929 \div 53 = \underline{\hspace{2cm}}$

⑩  $6930 \div 67 = \underline{\hspace{2cm}}$

Fill in the missing numbers.

⑪ 
$$\begin{array}{r} 68R\boxed{\phantom{00}} \\ 53 \overline{) 3\boxed{\phantom{0}}4\boxed{\phantom{0}}} \\ \underline{318} \\ 46\boxed{\phantom{0}} \\ \underline{\phantom{00}\phantom{00}} \\ 43 \end{array}$$

⑫ 
$$\begin{array}{r} 7\boxed{\phantom{0}}R\boxed{\phantom{00}} \\ \boxed{\phantom{0}}8 \overline{) \boxed{\phantom{0}}62\boxed{\phantom{0}}} \\ \underline{\phantom{00}36} \\ \phantom{00}\boxed{\phantom{0}}\boxed{\phantom{0}}0 \\ \underline{\phantom{00}240} \\ \phantom{00}20 \end{array}$$

Round to the nearest hundred:

1st Look at the digit in the tens place.

2nd If it is 5 or greater, round the number up. Otherwise, round it down.

e.g.  $42\mathbf{9}3$   
 $\uparrow$   
 $9 > 5$   
 round up  
 $4293 \longrightarrow 4300$

Round each dividend to the nearest hundred and each divisor to the nearest ten to estimate the answer. Then find the exact answer.

⑬  $7169 \div 93 = \underline{\hspace{2cm}}$

Estimate  $\underline{\hspace{2cm}}$

⑭  $6894 \div 48 = \underline{\hspace{2cm}}$

Estimate  $\underline{\hspace{2cm}}$

⑮  $5016 \div 37 = \underline{\hspace{2cm}}$

Estimate  $\underline{\hspace{2cm}}$

Look at the pictures. Solve the problems.

⑯



If Uncle Sam puts 3429 candies into bags, how many bags of candies will he get? How many candies are left?

$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

He will get  $\underline{\hspace{1cm}}$  bags of candies;  $\underline{\hspace{1cm}}$  candies are left.

⑰

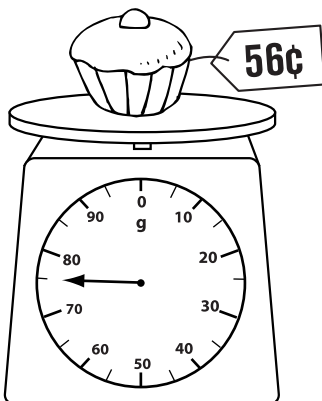


If a shop got \$4446 selling the shoes, how many pairs of shoes were sold in all?

$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

$\underline{\hspace{1cm}}$  pairs of shoes were sold in all.

⑱



a. If Judy has \$10, how many muffins can she buy? How much is left?

$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

She can buy  $\underline{\hspace{1cm}}$  muffins with  $\underline{\hspace{1cm}}$  ¢ left.

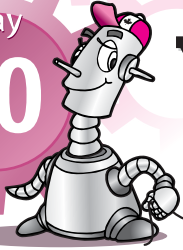
b. A box of muffins weighs 3 kg. How many muffins are there in a box?

$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

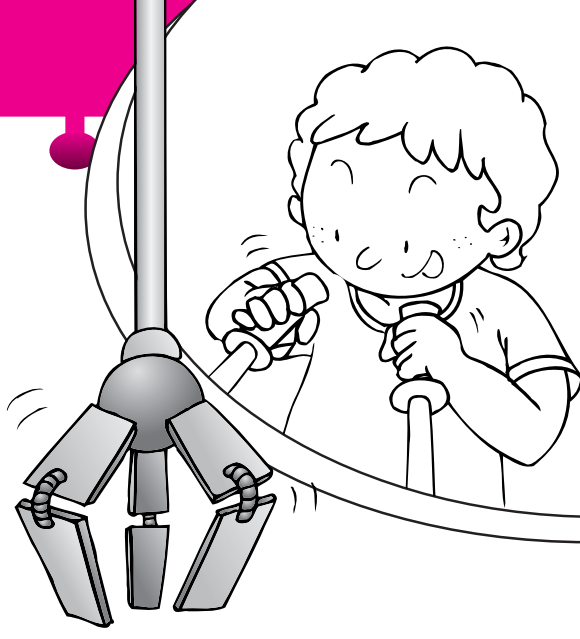
There are  $\underline{\hspace{1cm}}$  muffins in a box.

DATE: \_\_\_\_\_

Day  
**90**

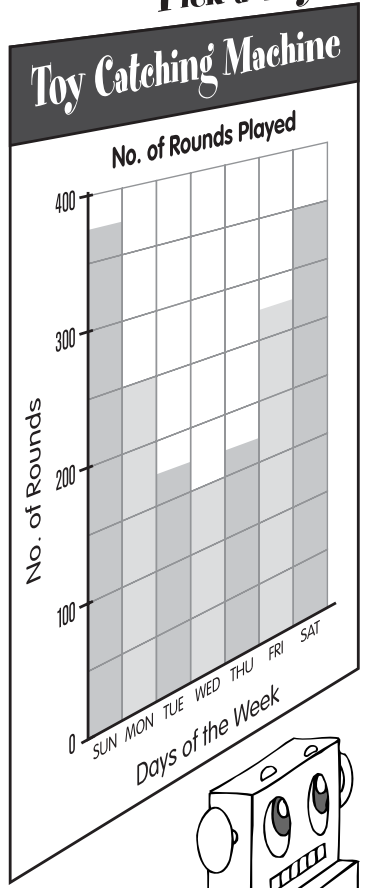


# You Deserve A Break!



The children are trying their luck in a game. Help them answer the questions.

## Try Your Luck & Pick a Toy!

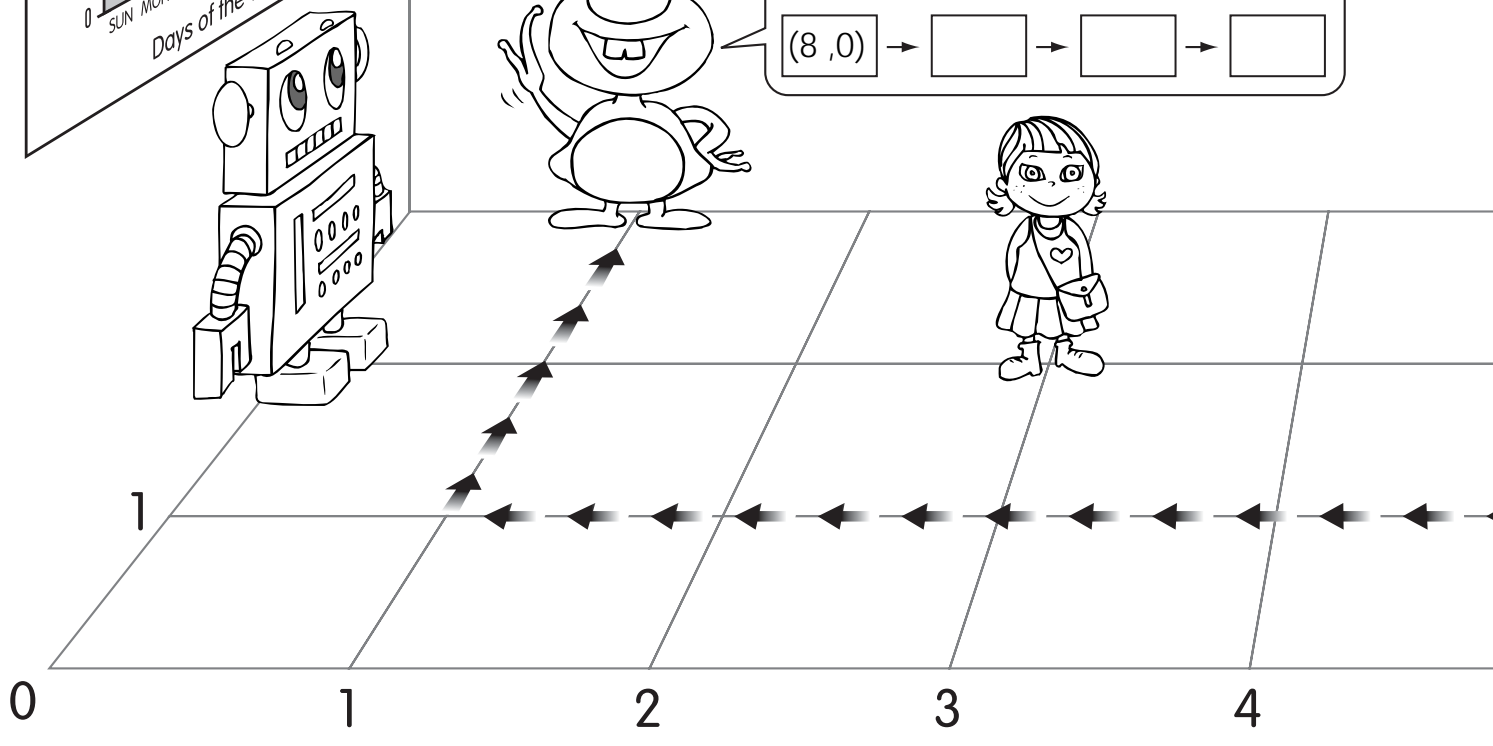


- ① \_\_\_\_\_ rounds were played on Monday.
- ② \_\_\_\_\_ rounds were played during the weekend.
- ③ On average, \_\_\_\_\_ rounds were played each day.
- ④ If each round costs \$0.50, \$ \_\_\_\_\_ was collected from the games played on Friday.

Find the coordinates of the toys. Then describe the path that the alien went through.

- ⑤ a. Robot \_\_\_\_\_ b. Alien \_\_\_\_\_
- c. Doll \_\_\_\_\_ d. Car \_\_\_\_\_
- e. Bear \_\_\_\_\_

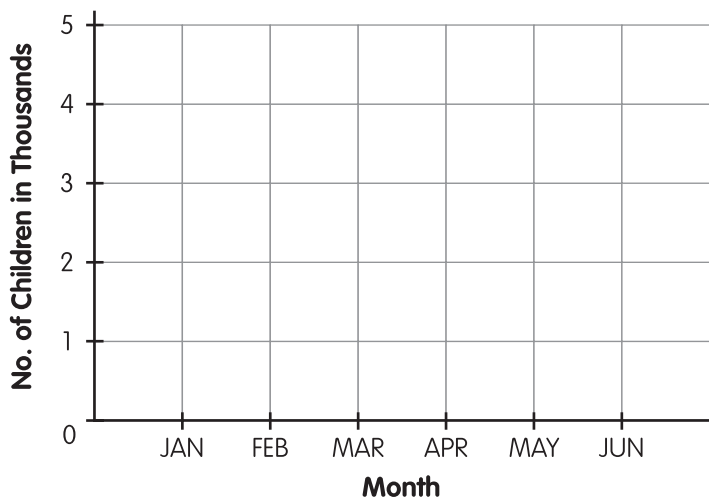
⑥ My path:  
 (8, 0) →  →  →





Complete the line graph to show the data. Then answer the question.

No. of Children Playing in Silver Centre



	No. of Children
JAN	1500
FEB	2000
MAR	2000
APR	3000
MAY	3500
JUN	4500

⑧ Guess how many children will play in Silver Centre in July. Explain.


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Read what the bear says. Find the probabilities.

Let's spin it once.

- ⑨ What is the probability of getting
- a. 'B' ? \_\_\_\_\_
  - b.  ? \_\_\_\_\_
  - c. 'Sorry' ? \_\_\_\_\_

