# Grade 4

## Summer Activities



Name\_\_\_\_\_

Set A [1 x any number, any number x 1] Practice on facts in Set A

One Minute Timing on facts in Set A

1 minute timing goal \_\_\_\_\_

#### Set B [0 x any #, any # x 0] Practice on facts through Set B

#### One Minute Timing on facts through Set B

1 minute timing goal \_\_\_\_\_

<u>x0</u>

<u>x6</u>

<u>x1</u>

<u>x1</u>

<u>x8</u>

<u>x9</u>

<u>x2</u>

Number of problems correct\_\_\_\_

<u>x1</u>

<u>x0</u>

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<u>x1</u>

Set C [2x3, 3x2, 2x2] Practice on facts through Set C

One Minute Timing on facts through Set C

1 minute timing goal \_\_\_\_\_

Set D [2x4, 4x2, 2x5, 5x2] Practice on facts through Set D

One Minute Timing on facts through Set D

1 minute timing goal \_\_\_\_\_

Set E [6x2, 2x6, 7x2, 2x7] Practice on facts through Set E

One Minute Timing on facts through Set E

1 minute timing goal \_\_\_\_\_

2

2

<u>x5</u>

<u>x8</u>

<u>x2</u>

2

<u>x7</u>

Set F [8x2, 2x8, 9x2, 2x9] Practice on facts through Set F

One Minute Timing on facts through Set F

1 minute timing goal \_\_\_\_\_

Set G [9x3, 3x9, 9x4, 4x9] Practice on facts through Set G

One Minute Timing on facts through Set G

1 minute timing goal \_\_\_\_\_

#### Set H [9x5, 5x9, 3x3] Practice on facts through Set H

### One Minute Timing on facts through Set H

1 minute timing goal \_\_\_\_\_

Set I [9x6, 6x9, 4x4] Practice on facts through Set I

One Minute Timing on facts through Set I

1 minute timing goal \_\_\_\_\_

Set J [9x7, 7x9, 5x5] Practice on facts through Set J

One Minute Timing on facts through Set J

1 minute timing goal \_\_\_\_\_

Set K [9x8, 8x9, 6x6] Practice on facts through Set K

One Minute Timing on facts through Set K

1 minute timing goal \_\_\_\_\_

Set L [3x4, 4x3, 7x7] Practice on facts through Set L

One Minute Timing on facts through Set L

1 minute timing goal \_\_\_\_\_

May be copied for owner's individual classroom use.

Number of problems correct\_\_\_\_

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5

8

1

M-17

Name\_\_\_\_\_

Set M [3x5, 5x3, 8x8] Practice on facts through Set M

$$\underline{x3}$$
,  $\underline{x2}$   $\underline{x4}$   $\underline{x5}$   $\underline{x7}$   $\underline{x9}$   $\underline{x2}$   $\underline{x9}$   $\underline{x4}$   $\underline{x8}$ 

8

7

5

2

3

8

One Minute Timing on facts through Set M

3

<u>x8</u>

<u>x5</u>

1 minute timing goal \_\_\_\_\_

<u>x5</u>

<u>x2</u>

<u>x9</u>

<u>x2</u>

Number of problems correct\_\_\_\_

<u>x5</u>

<u>x1</u>

<u>x6</u>

<u>x2</u>

Set N [3x6, 6x3, 9x9] Practice on facts through Set N

One Minute Timing on facts through Set N

1 minute timing goal \_\_\_\_\_

- - -

<u>x7</u>

<u>x3</u>

<u>x3</u>

<u>x7</u>

<u>x8</u>

<u>x8</u>

<u>x3</u>

<u>x3</u>

Set O [3x7, 7x3, 3x8, 8x3] Practice on facts through Set O

One Minute Timing on facts through Set O

<u>x5</u>

<u>x9</u>

1 minute timing goal \_\_\_\_\_

• . :

Set P [7x8, 8x7, 6x8, 8x6] Practice on facts through Set P

One Minute Timing on facts through Set P

5	7	3	9	7		2	7	1	8
<u>x2</u>	<u>x8</u>	<u>x7</u>	<u>x6</u>	<u>x3</u>		<u>x5</u>	<u>×7</u>	<u>x8</u>	<u>x7</u>
6	1	3	4	9	8	1	3	2	3
<u>x8</u>	<u>x7</u>	<u>x9</u>	<u>x2</u>	<u>x5</u>	<u>x6</u>	<u>x9</u>	<u>x8</u>	<u>x6</u>	<u>x3</u>
4	7	1	6	6	0	5	9	8	4
<u>x4</u>	<u>x3</u>	<u>x4</u>	<u>x8</u>	<u>x2</u>	<u>×9</u>	<u>x5</u>	<u>x1</u>	<u>×7</u>	<u>×2</u>
2	1	2	9	7	8	1		5	3
<u>x2</u>	<u>x9</u>	<u>x7</u>	<u>×7</u>	<u>x8</u>	<u>x6</u>	<u>x6</u>		<u>x1</u>	<u>x2</u>

1 minute timing goal \_\_\_\_\_

Name\_\_\_\_\_

Set Q [5x8, 8x5, 4x8, 8x4] Practice on facts through Set Q

One Minute Timing on facts through Set Q

5	5	8	0	7		2	7	1	4
<u>x2</u>	<u>x8</u>	<u>x7</u>	<u>x6</u>	<u>x3</u>		<u>x5</u>	<u>x8</u>	<u>x8</u>	<u>x8</u>
2	1	3	8	6	8	1	3	2	3
<u>x7</u>	<u>x7</u>	<u>x1</u>	<u>x5</u>	<u>x2</u>	<u>x6</u>	<u>x9</u>	<u>x0</u>	<u>x3</u>	<u>x3</u>
4	8	1	6	1	0		9	4	4
<u>x4</u>	<u>x2</u>	<u>x4</u>	<u>x8</u>	<u>x2</u>	<u>x9</u>		<u>x1</u>	<u>x8</u>	<u>×2</u>
2	1	7	8	8	6	1	9	5	3
<u>x2</u>	<u>×9</u>	<u>x9</u>	<u>x4</u>	<u>x5</u>	<u>x6</u>	<u>x6</u>	<u>x6</u>	<u>x1</u>	<u>x2</u>

1 minute timing goal \_\_\_\_\_

Set R [7x6, 6x7, 7x5. 5x7] Practice on facts through Set R

One Minute Timing on facts through Set R

1 minute timing goal \_\_\_\_\_

Name\_\_\_\_

Set S [7x4, 4x7, 6x5, 5x6] Practice on facts through Set S

One Minute Timing on facts through Set S

1 minute timing goal \_\_\_\_\_

Name\_\_\_\_\_

Set T [5x4, 4x5, 4x6, 6x4] Practice on facts through Set T

One Minute Timing on facts through Set T

1 minute timing goal \_\_\_\_\_

Set U [all previous sets ] Practice on facts through Set U

One Minute Timing on facts through Set U

<u>x4</u>

<u>x6</u>

1 minute timing goal \_\_\_\_\_

<u>x7</u>

<u>x3</u>

<u>x7</u>

Number of problems correct\_

<u>x8</u>

<u>x4</u>

<u>x8</u>

#### Set V [all previous sets ] Practice on facts through Set V

## One Minute Timing on facts through Set V

- · · · · · · · · · · · · · · · · · · ·			<b>0</b> ~			~~~~	<b></b>		
7	9	7	5	4	3	$\overset{\circ}{4}$	4	4	7
<u>x8</u>	<u>x0</u>	<u>x6</u>	<u>x1</u>	<u>x5</u>	<u>x7</u>	<u>x6</u>	<u>x8</u>	<u>x7</u>	<u>x5</u>
6	8	3	2	6	5	7	7	5	8
<u>x4</u>	<u>x5</u>	<u>x2</u>	<u>x3</u>	<u>x2</u>	<u>x6</u>	<u>x4</u>	<u>x3</u>	<u>x2</u>	<u>×2</u>
1	3	9	6	9	5	6	5	4	6
<u>x2</u>	<u>x9</u>	<u>x5</u>	<u>x7</u>	<u>x3</u>	<u>x4</u>	<u>x8</u>	<u>x7</u>	<u>x4</u>	<u>x5</u>
8	8	9	3	7	8	6	5	3	8
<u>x4</u>	<u>x6</u>	<u>x4</u>	<u>x7</u>	<u>x9</u>	<u>x7</u>	<u>x3</u>	<u>x8</u>	<u>x8</u>	<u>x9</u>

1 minute timing goal \_\_\_\_\_

## Set W [all previous sets ] Practice on facts through Set W

#### One Minute Timing on facts through **Set W** 1 2 0 9 4 9 5 7 3 4 <u>x5</u> <u>x7</u> <u>x7</u> <u>x7</u> <u>x6</u> <u>x8</u> <u>x6</u> <u>x7</u> <u>x8</u> <u>x2</u>

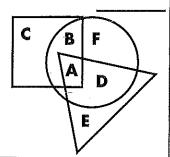
1 minute timing goal \_\_\_\_\_

For each numeral below, write the digit that is in the ten thousands place and the digit that is in ten millions place.

234,459,880 \_

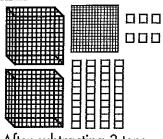
54,182,635

Which letter is in the triangle and circle but not in the square?



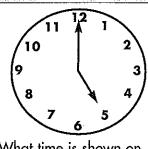
Lane did thirty-seven math problems on Monday. He worked forty-eight more problems on Tuesday. How many math problems did Lane work on these two days?

14 -		=	7
11 -		=	8
3 +	W/J		12
6 +			15

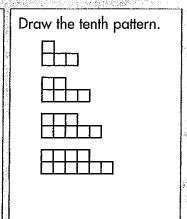


After subtracting 3 tens from this model, the numeral shown would be Check the other names for 21?

 $9 + 10^{-}$  $3 \times 7$ \_\_\_\_ 1 ten, 2 ones \_\_\_\_ 2 tens, 1 one \_\_\_\_ 10 ± 11 \_\_\_\_6+6+6+3



What time is shown on this clock?



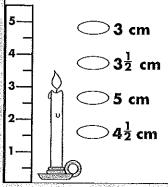
Which group of numerals is in order from least to areatest?

**254, 165, 138, 97** 

**389, 976, 981, 872** 

About how tall is the candle?

\_\_\_\_ 25 - 5



This number line shows:

Solve.

Month **Number of Patrons** in a toy store Aug. Nov. Dec. Feb.

In which month did more than 300 patrons visit the store?\_

Bill is 2 inches taller than Sam. Sam is shorter than Joe. Roy is 4 inches taller Tyler. What information do you need to find out Roy's height?

Sam's height

Joe's height

Tyler's height

Round each number to the nearest ten.

23

Which shows the most accurate way to estimate the sum of 3,452 and 5,321?

**5,321 - 3,452** 

 $\bigcirc$  3,400 + 5,300

 $\bigcirc$  3,000 + 5,000

What is the value of the 2 in each numeral? Example: 35,620 20

234,651 \_\_\_\_\_\_ B 436,102 \_\_\_\_\_\_ C 2,356,109 \_\_\_\_\_ C

By definition, which shape could be considered a:

pentagon

guadrilateral

c octagon

hexagon

Ms. Baker weighed 174 pounds before she went on a diet. She lost 4 pounds a week for 12 weeks for a total of 48 pounds lost on the diet. How much does Ms. Baker now weigh?

Solve.

94,020 - 13,438

Draw a base ten model to show this numeral: 2, 485

7 x 5 =

 $(\__{\times}5) + (\__{\times}5)$ 

6 x 7 =

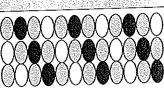
 $(\_\_x7) + (\_\_x7)$ 

 $12 \times 8 =$ 

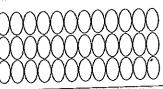
\_\_\_x6)+(\_\_\_x6)



What time will this clock show in fifteen minutes?



Continue the pattern by shading in the figure below.



Which numeral would go in the empty box?

342, 344, \_\_\_\_, 34

**351** 

**340** 

**345** 

346

What is the perimeter of an octagon that measures 4 inches on each sides?

2,597,401 is read

two million, five
hundred ninety-seven
thousand, four hundred one

twenty-five thousand, five hundred nine, four hundred one

two hundred fifty thousand ninety-seven, four hundred one 7 x 4 = ----

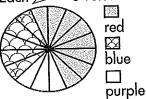
8 x 5 = ----

6 x 6 = ----

3 x 9 = ----

4 x 8 = ----

Favorite Colors
Each = 3 votes



How many more votes for: Red than...
Purple?

Blue? -

Using a red, blue, green, and yellow block only once in each row, how many 4 block patterns can you make that have a red block in the first position?

(Show your work on the back.)

\_\_ block patterns

\*\* Bonus: How many patterns can be made in all? About how long does it take to listen to a song?

3 seconds

3 minutes

30 minutes

3 hours

Shade in the spinner which would give you the best chance of landing on the number 3?







400,000+90,000 +3,000+500 +7 =

forty-nine thousand, three hundred fifty-seven

four hundred nine thousand, three thousand seven

four hundred ninety-three thousand, five hundred seven Which show right angles?



James is making collages for his 4 aunts. For decoration, he wants to put 6 leaves, 4 shells, and 3 flowers on each collage. How many decorations will he need to make all the collages?

44 x 5

> 58 29 x 5 x 4

Shade in  $\frac{1}{3}$  of each set.

77777777 777777777

 A common factor of 4 and 8 is 2 because  $2 \times 2 = 4$  and  $2 \times 4 = 8$ 

Other than 1, what is a common FACTOR for these number pairs.

27 and 18 \_\_\_\_\_ 30 and 40 \_\_\_\_\_ 35 and 21 \_\_\_\_\_ Name the bills, coins and amount needed for change.

Cost Amount given \$3.81 \$5.00 change?

\$7.17 \$10.00 change?

Continue the pattern.

45	42	39	36
15	14	13	12

33		
11		

Write the odd numbers between 3,497 and 3,511.

Mrs. Thomas drove from Dallas, Texas-to Ft. Worth, Texas. She traveled about

55 kilograms

55 liters

55 kilometers

55 decimeters

Write **a.m.** or **p.m.**Julio's party begins at 3:00

The school tardy bell rings at 8:15

The toy store opens at 9:30

The evening news comes on at 6:00

9x \_\_\_=72

3x \_\_\_=27

\_\_\_ x 4=32

\_\_\_ x 7=63

City Science Fair

School Solar System Projects
Dayton ★★★★

Ryan \*\*\*
Adly \*\*\*\*\*

Marcus  $\star \star$ Each  $\star = 4$ 

How many solar system projects were entered in the science fair?

Tyesha and Eric together have 29 posters. Eric has 7 more posters than Tyesha. How many posters does each child have? Estimate the differences by rounding to the hundreds place.

2,359 7,944 1,231 5,679 1,000 meters =
1 kilometer
Tam and Issac walked
2 and ½ kilometers along
a hiking trail. How
many meters did they

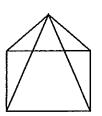
walk?

Which numeral shows 22 thousands.13 hundreds, and 9 ones?

- 22,139
- 22,309
- 23,309

How many faces does this figure have?

faces



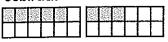
Jamie had 25 sand art packages. She gave 10 to her little sister. Then she bought 8 more. Which equation could be used to find the number of sand art packages Jamie has now?

- (25 + 10) + 8
- (25 + 10) 8
- (25 10) + 8

852 x 5

437

Subtract.



$$\frac{5}{12} - \frac{3}{12} = \frac{2}{12}$$



$$\frac{4}{5} - \frac{2}{5} = \frac{2}{5}$$

Underline the true equations:

$$(4 \times 5) + 3 = 4 \times (5 + 3)$$

$$(5 \times 2) \times 2 = 5 \times (2 \times 2)$$

$$(9 \times 1) - 1 = 9 \times (1 - 1)$$

$$(4 \times 4) \div 1 = 4 \times (4 \div 1)$$

Carlos practices his clarinet for one half hour each time he practices.

What is the total number of hours Carlos practices in five days?

How many VVVVV v's will be in the 20th box?

νννν VVVVV

VVVVV VVVVV VVVVV

VVVVV VVVVV VVVV VVVVV

2 2 2 2 2 15 12 9 42 5

Write the above fractions in order from greatest to least.

Circle the best unit for measuring:

the-distance across Africa. centimeters decimeters kilometers meters

the height of a swingset. centimeters decimeters meters kilometers Write each numeral.

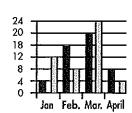
four-fifths

two-thirds

seven-eighths

Solve.

Pounds of Recyclables Collected



paper 🖾 glass Comparing totals, the pounds of paper recycled is (>, < , =) to the pounds of recycled glass.

These are klinkers.



klinkers?



There were 1,460 paintings and 3,977 drawings entered in a children's art festival. There were also 315 collages and 89 clay sculptures entered. Ábout how many total entries were there?

- □ between 5,000 and 6,000
- □ between 6,000 and 7,000
- □ between 4,000 and 5,000

В 

The chances of drawing a □ are ...

greater with box A greater with box B equal with box A

Write in expanded form: 390,682

Label:	S = slide	e; F = flip

Luis is reading a novel for a book report due on Friday. His novel has 150 pages. He read 27 pages on Monday, 42 pages on Tuesday, and 59 pages on Wednesday. How many more pages must he read to finish the book?

Add or Subtract. Simplify.

$$2\frac{1}{3} + 8\frac{2}{3} =$$

$$4\frac{3}{12} + 7\frac{10}{12} = ____$$

$$9\frac{1}{4} + 5\frac{3}{4} =$$

**Bowling League Finals** 

Team	Points Scored
Α	767
В	906
С	<i>7</i> 60
D	851
E.	593

Which teams scored an odd number of points?

Sheila saw these ads in the newspaper.

Maxi's Essentials	Sav-Co
	<b>क</b> இ.
\$19.95 \$2.98	\$21.98 \$15.25
否	<b>}</b> ≪
\$25.00	\$2.50

How much money can Sheila save by buying the three items at Sav-Co?

		35	42
49	56	63	

What numbers go in the three empty boxes?

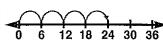
Which group of numbers is in order from least to areatest?.

- **6,434; 6,532; 6,943**
- **5,021; 5,012; 5,003**
- **9,921; 8,812; 8,983**
- **1,005**; 1,015; 1,001

The keys weigh:



- $\bigcirc$  1 gram
- more than 1 gram
- > less than 1 gram
- > 100 grams



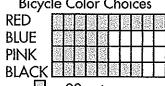
This number line shows:

- 24 6 = 18
- $\bigcirc 24 \div 2 = 12$
- $0.4 \times 6 = 24$
- > 6 + 6 + 6 + 6 = **24**

9,010

6)636

**Bicycle Color Choices** 



- = 20 votes Circle the true statements.
- 1. The number of people who chose red was twice the number who chose blue.
- 2. Blue received the least number of votes.

(Use the graph to the left)

- 3. Pink received 60 votes.
- 4. Black received 20 less votes than red.
- Blue received 100 votes.
- 6. The difference between the number of votes received by black and blue is 60.
- 7. The number of yotes received by pink is one half those received by black.

If you use one sheet of notebook paper for each of four different subjects everyday, about how many sheets of notebook paper will you use in two weeks?

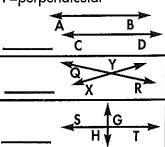
- 200 sheets
- 100 sheets
- 50 sheets 5 sheets

Greg ate 3 slices of pizza. Joey ate 3 times as many as Grea, but 4 less than Mark. Mario ate two more slices than Greg. On the back, write a question for each answer given below:

- 1.) 5 slices
- 2.) 13 slices
- 3.) 30 slices

In 1978, the most expensive coin was a \$20.00 gold piece. Hal read that the gold piece sold for an approximate dollar amount that had an 8 in the tens place, a 4 in the thousands place, a 5 in the ones place, a 3 in the hundred thousands place. What was the price of the coin? .00

Label the lines; I = intersecting PA = parallel P=perpendicular

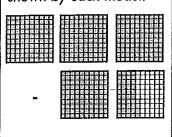


The greatest oil gusher was at Spindletop, Texas in 1901. It yielded about 810,459 barrels of oil in 9 days. About how many barrels of oil did this oil gusher produce each day?

605  $\times$  85

20/453

Subtract the decimals shown by each model.



Circle the common factors for each number pair.

Oscar earns \$5.25 per hour working part time at the grocery store. Last week he worked 4 hours a day for 6 days. How much did Oscar earn last week?

9, 11, 15, 23, 39, 71 What is the rule for the above pattern? (hint: use 2 operations)

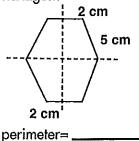
18, 36

Japanese Cities Populations 1977

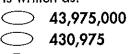
Tokyo	8,112,000
Osáka ,	3,276,000
Yokohama	2,601,000
Sapporo	2,162,000
Nagoya	1,719,000

List the cities in order from least to greatest populations.

Using the lines of symmetry, find the perimeter of this hexagon.



The continent of Asia has a land mass of forty-three million, nine hundred seventy-five thousand square kilometers. This number is written as:



9.82 8.12 3.25 - 6.78

9.82

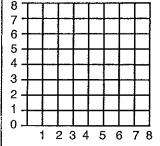
3.41

+ 7.25

4.37

6.22

+ 4.50



Plot these symbols:

$$* = (8,7)$$
  $• = (0,2)$   $= (4,6)$   $= (5,1)$ 

Popeye Pig ate over 100 peanuts which was twice as many peanuts as Pinky Pig ate. Pinky ate a number of peanuts that was divisible by 7. Petunia Pig ate 11 more peanuts than Pinky. The number she ate was an odd number between 60 and 70. How many peanuts did each pig eat?

Popeye \_ Pinky\_ Petunia

The world's largest park is the Wood Buffalo Park in Canada. It is 19,362 times larger than the world's oldest park in London which covers 577 acres. Which equation best estimates the size of the Canadian park?

- 21,400 x 700
  - $20,000 \times 500$
  - 19,000 x 600

 $20,000 \times 400$ 

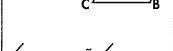
$$9\frac{19}{42} + 17\frac{25}{42} =$$

$$31\frac{1}{15} - 18\frac{9}{15} =$$

Which numeral has a 4 in the ten billions place?

- 45,0872,501
- 421,704,623
- **475,189,080,225**
- 248,095,667,120

Which are corresponding angles?



Marquis had
50 jawbreaker candies.
He wanted to keep two
for his little brother and
share the rest equally
with 8 of his friends.
How many jawbreakers
will each of his friends
receive?

Solve.

121,092 - 95,095

622,173 415,669 + 323,355

Mr. Prine bought a book of 36 stamps. He used nine to mail some letters. Which fraction describes the portion of stamps he used?

 $\bigcirc \frac{1}{2} \bigcirc \frac{3}{4} \bigcirc \frac{1}{4}$ 

What fraction of stamps was left?

 $\bigcirc \frac{1}{2} \bigcirc \frac{3}{4} \bigcirc \frac{1}{36}$ 

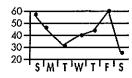
 $(9 \times 3) + (9 \times 5)$ is equivalent to  $9 \times (3 \times 5)$  $(9 \times 9) + (3 \times 5)$  $9 \times (3 + 5)$ 

$$(9 \div 3) + (15 \div 3)$$
  
is equivalent to:

Andrea bought 4 sets of fingernail tatoos for \$3.25 a set including tax. She gave the clerk a \$20. bill. How much change did Andrea receive?

Tyler went hiking in the forest. He carried a pack with 124 small pebbles. To help him find his way back, he dropped pebbles every 5 meters. At the first 5 meters, he dropped 4 pebbles. At 10 meters, he dropped 8 pebbles. If he continues dropping twice the number of pebbles, how far can he hike into the forest until he runs out of pebbles?

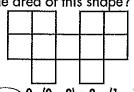
Average Daily Temperature °F



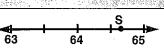
List the days in order from highest to lowest temperature.

1. 5. 6. 3. 7.

Which is a way to find the area of this shape?



- $\bigcirc 2 \times (2 \times 2) + 3 \times (1 \times 1)$
- (2+2)+(2+2)+12
- $(5 \times 2) + (5 \times 2)$ 
  - $\bigcirc$  (4+4)-3



Point **S** best represents which number?

- **65.2**
- **64.2**
- not here

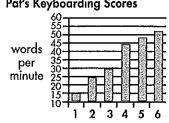
64.9

Solve.

315 x 214

22/675

Par's Keyboarding Scores



Write a sentence to summarize the graph data.

If  $n+5=6\times6$ 

If 
$$n - 4 = 30 + 4$$

If 
$$n \div 2 = 12 \div 6$$

Carnival ride tickets cost 10 for \$12.50. Which would be a reasonable cost for 25 tickets?

- \$20.00
- \$30.00
- \$40.00
- not here

If you have one dice with the numbers 1, 2, 3, 4, 5, and 6. Expressed as a fraction, what is the probability of rolling a 2 if you roll 5 times.

Good Apple GA1659 Reproducible

To which place have the pairs of numerals been rounded?

1,256

1,300

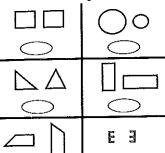
place

27,230

30,000

place

Which pairs of figures are NOT congruent?



A delivery truck is hauling 7 crates of boxed stereo speakers. Each box contains 12 speakers and each crate contains 8 boxes. How many stereo speakers is the delivery truck hauling?

31.222

18.007

Add and simplify.

$$\frac{1}{2} + \frac{2}{5}$$

$$\frac{2}{9} + \frac{2}{32} =$$

$$\frac{4}{9} - \frac{1}{6} =$$

$$\frac{5}{7} - \frac{3}{5} =$$

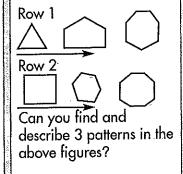
If 7 times a number is 84, which equation could be used to find the number?

$$84 \times 7 = n$$

$$84 - 7 = n$$

2 for \$1.40 Sunscreen 4 for \$4.00 Shampoo Insect candles 8 for \$16.00

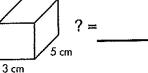
The items above are sold only in multiples of 2, 4, or 6. Stacy wants to buy an equal number of the items to take with her to camp. What is the least number of each she can buy, and how much will she spend?



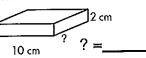
Write this group of numerals in order from greatest to least.

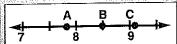
2,545.2 254,005.092 2,545.002 25,405.01 254,000.97

Find the missing dimension. The volume is 90 cubic cm.



The volume is 100 cubic cm.





Which point best represents:

39 65



Wes wanted to find out the

outcomes.

Dime

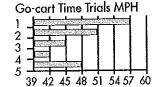
probability of tossing a dime

and a penny and having them

both land on heads. He made a chart of the possible

Outcomes

=HT



Cody clocked his go-cart 5 times and graphed the speeds in miles per hour. What is the average of his three best time trials?

Devon planted pumpkin vines. He noticed that for every 5 inches the vine grew, it also grew 3 new leaves. If the vine grows 2 1 inches every three days, how many leaves will the pumpkin vine have in 30 days?

Ken found that the Sears Tower has 110 stories and is 1.454 feet tall. He used his calculator to find the height of each story which was 13.218181818 feet. Rounded to the nearest hundreth, how tall is each story in the Sears Tower?

tails heads { heads =TTtails tails heads =THExpressed as a fraction, what is the probability of tossing 2 heads?

Penny

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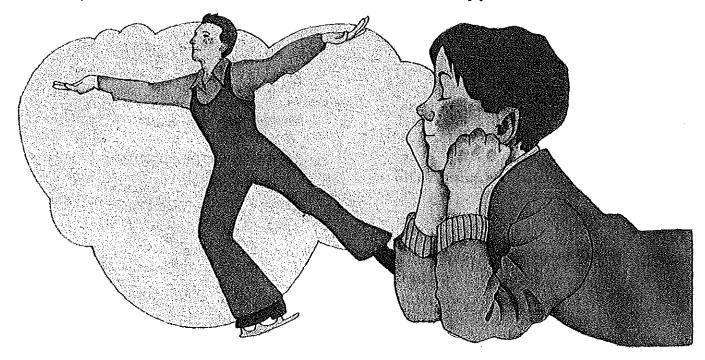
mph

## Superskater

Have you ever dreamed of being famous? Could such a dream come true?

- When Rick awoke, his nose was stopped up, and his throat felt scratchy. "You'll have to stay indoors today," his mother said. Rick had planned to go ice skating at City Park. Now, though, he didn't really feel like going. He just felt like resting. Rick lay his head back on the pillow and fell asleep again.
- <sup>2</sup> Rick dreamed he was a famous skater who performed all over the world. He would glide smoothly across the ice. Then he would spin so fast his skate blades would flash in the spotlight. After his performance, the audience would clap and cheer until he came back to do one more act. Later, people would crowd around him to take pictures. They would ask for his autograph. They would say nice things about his skating.

- <sup>3</sup> Rick had not been sleeping long when his father knocked on the bedroom door. "Come in," Rick said sleepily. He rolled over and sat up in bed.
- <sup>4</sup> "I picked up something for you at the store," his father said. He handed him a brown paper bag.
- <sup>5</sup> "Orange juice!" Rick exclaimed as he looked inside the package. "Thanks, Dad!"
- <sup>6</sup> "I've also been to the library," his father said. He handed Rick a book. "Since you're stuck indoors,—I thought you'd enjoy reading this story. It's about a champion ice skater who won a gold medal at the Olympics."
- "Dad," Rick exclaimed with surprise, "I was just dreaming that I was a famous skater! Do you suppose it means something special?"
- 8 "Who knows?" his father replied with a wink and a smile. "Perhaps it means that someday your dream will come true."



## ... Superskater

## Knowing the Words

Write the words from	the story	that	have
the meanings below.			

- 4. world sports contests \_\_\_\_\_\_(Par. 6)

## **Working with Words**

Circle the prefix or suffix in each word. Then use the words to complete the sentences.

reread useful unzip sleepless

- 1. Old rags are \_\_\_\_\_\_\_ for cleaning dirty windows.
- hang it on a hanger.
- 3. Les will \_\_\_\_\_ the book because he likes it.
- 4. Tom had a \_\_\_\_\_ night because a storm kept him awake.

Write the singular form of each word.

- **5.** patches \_\_\_\_\_
- **6.** cities \_\_\_\_\_
- 7. shelves \_\_\_\_\_
- 8. boxes \_\_\_\_\_
- 9. blueberries \_\_\_\_\_

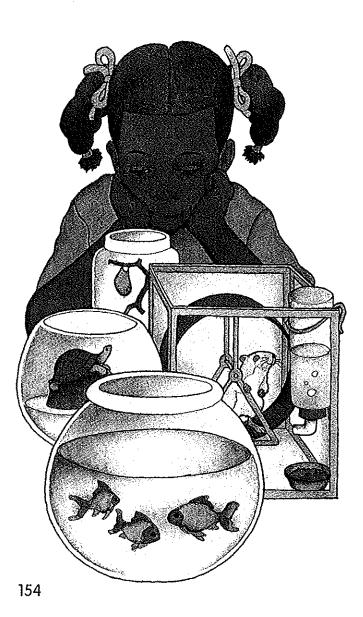
#### Reading and Thinking

- 1. Check the answer that tells what the story is mainly about. \_\_\_\_ a famous Olympic ice skater \_\_\_\_ a trip to the library \_\_\_\_ a dream that could come true 2. Write two places Rick's father went. 3. Why do you think Rick's dad brought Rick a book about a skater? 4. Dreams are not real, but sometimes they can come true. Check two sentences that tell about dreams that could come true. \_\_\_ Jim dreamed he was a famous artist. \_\_\_ Jeff dreamed he lived in a pumpkin. \_ Kate dreamed she was an astronaut. Write the best word to complete each sentence below.
- 5. The knife \_\_\_\_\_\_ is sharp. (handle, blade, cover)
- on this card?" the man asked the singer. (pillow, medal, autograph)
- 7. The small \_\_\_\_\_ was on the desk. (package, smile, ice)

## Cocoon Surprise

Have you ever felt sure of something but then found out you were wrong?

- <sup>1</sup> A white rat, a turtle, and three goldfish all lived in Tracy's classroom. The class took turns caring for the pets. Tracy was glad her teacher, Ms. Carr, liked animals because Tracy did, too.
- <sup>2</sup> Tracy had a cocoon in a jar that she kept in the garage. She had found the cocoon on a bush. When her dad cleaned the garage on Saturday, he asked her if she still wanted the cocoon.



- "Yes, may I take it to school?" Tracy asked. "I don't think Ms. Carr would mind."
- <sup>3</sup> "OK," her father answered. "Just make sure you take it on Monday."
- <sup>4</sup> Tracy took the cocoon to school that Monday. She asked her teacher if she could put it beside the pets. Ms. Carr said that was fine with her. "Great!" Tracy said, smiling. "The class will get to see the butterfly come out."
- <sup>5</sup>- "Are you certain that a butterfly will come out of the cocoon, Tracy?" asked Ms. Carr.
- <sup>6</sup> "Oh, yes, I'm sure," Tracy answered. "And I think it will hatch any day now."
- <sup>7</sup> "We'll see," Ms. Carr told Tracy.
- <sup>8</sup> Tracy did not have to wait long to find out what was in the cocoon. Two days later she got quite a surprise. She was the first child in the room that day. As she walked into the room, Ms. Carr pointed toward the corner where the pets were kept. "Look, Tracy!" she said.
- Tracy saw a large insect in the jar. "What is it?" she asked, wrinkling up her nose.
- "It's a moth," her teacher told her.
  "See how its wings are open while it is resting."
- "Gee, its body looks furry," Tracy said as she pressed her face against the jar.
- <sup>12</sup> Ms. Carr laughed and said, "Now let's get your moth outside where it can try its wings."

... Cocon Surprise

## Knowing the Words

Write the words from the story that have the meanings below.

- 2. insect \_\_\_\_\_\_\_(Par. 10)

Choose the correct word below to fill the blanks for each pair of sentences.

rest fine

3. That is \_\_\_\_\_ with me.

The thread was too \_\_\_\_\_ to see.

**4.** Roger needs to \_\_\_\_\_\_.

Did you get the \_\_\_\_\_ of the programs?

## Working with Words

Fill in each blank with the correct pair of letters to make a word. Then use each of the words in a sentence below.

sh ch wr ph

- 1. bu \_\_\_\_\_ iting
- 2. stoma \_\_\_\_ 4. autogra \_\_\_\_
- **5.** My \_\_\_\_\_ hurts.
- **6.** Leo has beautiful \_\_\_\_\_.
- **7.** May I have your \_\_\_\_\_?
- **8.** Look at the cocoon on that \_\_\_\_\_.

## Reading and Thinking

Write  $\mathbf{F}$  if the sentence gives a fact. Write  $\mathbf{O}$  if the sentence gives an opinion.

- 1. \_\_\_ A moth is a pretty insect.
- **2.** \_\_\_\_ The body of a moth looks furry.
- **3.** Some insects come out of cocoons.
- 4. \_\_\_ A moth is an insect.
- **5.** Why do you think Tracy and Ms. Carr took the moth outside?
- **6.** What kind of person do you think Ms. Carr is? Explain your answer.

## Learning to Study

You can look in an **encyclopedia** to find facts about different topics. You may need to look under more than one topic to find the facts you need. To learn more about-cocoons, Tracy could have looked under *cocoon*. Also, she could have looked under *moth* or *insect*.

Read each sentence below. Write the names of two topics you might look under.

- 1. You want to know about blue
- 2. You want to learn about forest animals.