

**Summer Math Packet for
students entering
Second Grade Kaleidoscope
2026 – 2027 School Year**

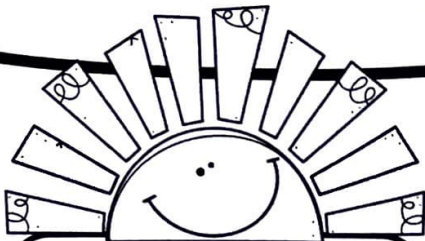
The purpose of this Summer Packet is to keep your Math skills sharp over vacation and to also review some of the material you should know entering the next grade of this program. Staple any work you do on loose-leaf to the packet. The packet is due by the second day of school. The grade you receive on your Math packet will be averaged into your 1st Marking Period grade.

Name _____ HR _____

Practice Multiplication facts over the summer!

Sunshine Number of the Day

The number of the day is 5,908.



5,908

Write in words.

Expand.

+ + +

How many?

Thousands _____

Hundreds _____

Tens _____

Ones _____

10 More _____

10 Less _____

100 More _____

100 Less _____

1,000 More _____

1,000 Less _____

Odd or Even

Next 2 Odd Numbers

Next 2 Even Numbers

Round to nearest 10. _____

Round to nearest 100. _____

Add 50. _____ Add 300. _____

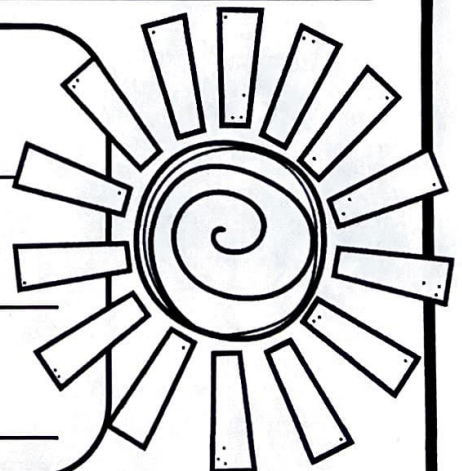
Add 90. _____ Add 500. _____

Start with the number of the day.

Count in 1s. _____, _____, _____, _____, _____

Count in 10s. _____, _____, _____, _____, _____

Count in 5s. _____, _____, _____, _____, _____



Summer Fun

Color the equation that will give an answer for the question. Then write the answer below.

There are 3 rows of umbrellas on the beach with 7 in each row. How many umbrellas are there altogether?



$7 + 7 + 3 = ?$	$3 \times 7 = ?$	$7 + 3 = ?$
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Answer _____ umbrellas

There are 20 shells to put on 4 sandcastles. If each sandcastle gets the same number how many will be on each?



$20 \div 2 = ?$	$20 \times 4 = ?$	$20 \div 4 = ?$
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Answer _____ shells

We have put shells into our buckets. There are 18 shells altogether. Each bucket has 6 shells. How many buckets do we have?



$18 \times 6 = ?$	$18 - 6 = ?$	$18 \div 6 = ?$
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Answer _____ buckets

There were 15 beach balls on the beach. 5 had stripes and the rest had dots. How many had dots?



$15 \div 5 = ?$	$15 - 5 = ?$	$15 \times 5 = ?$
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Answer _____ beach balls

Amay has 3 watermelons for his friends. Each one is cut into 15 pieces. How many pieces of watermelon are there?



$15 \div 3 = ?$	$3 \times 15 = ?$	$3 \times ? = 15$
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Answer _____ pieces

A red bucket costs \$2. A blue bucket costs 4 times as much as a red one. How much does a blue bucket cost?



$4 \div 2 = ?$	$2 \times 4 = ?$	$2 + 4 = ?$
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Answer _____ dollars

Jade surfed for 40 minutes in the morning and 60 minutes in the afternoon. How much longer did she surf in the afternoon?



$40 + 60 = ?$	$40 = 60 + ?$	$60 - 40 = ?$
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Answer _____ minutes

Teo made 2 sandcastles every day that he went to the beach. He made 16 sandcastles altogether. How many days did he go to the beach?



$16 \times 2 = ?$	$16 \div 2 = ?$	$16 = 2 + ?$
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Answer _____ days

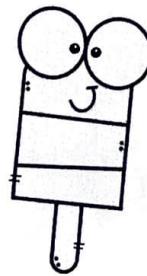
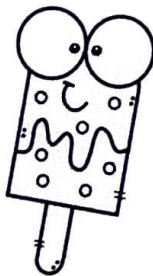
Summer Treats Secret Message

Color the block if the fact is true. If all of the answers under a word are colored, write the word from the top of the column in the secret message below.

Can	I	You	will	are	take
$6 \times 4 = 24$	$6 \times 5 = 30$	$3 \times 6 = 18$	$4 \times 7 = 28$	$5 \times 8 = 40$	$5 \times 9 = 45$
$9 \times 4 = 32$	$8 \times 5 = 40$	$9 \times 6 = 54$	$7 \times 7 = 47$	$9 \times 8 = 72$	$8 \times 9 = 72$
$5 \times 4 = 20$	$2 \times 5 = 10$	$6 \times 6 = 36$	$3 \times 7 = 21$	$3 \times 8 = 24$	$6 \times 9 = 56$
$3 \times 4 = 12$	$4 \times 5 = 22$	$2 \times 6 = 12$	$8 \times 7 = 56$	$6 \times 8 = 48$	$2 \times 9 = 18$

cold	the	smart	great	coolest	one
$28 \div 4 = 7$	$25 \div 5 = 5$	$30 \div 6 = 5$	$42 \div 7 = 6$	$32 \div 8 = 4$	$63 \div 9 = 7$
$16 \div 4 = 4$	$35 \div 5 = 7$	$46 \div 6 = 8$	$14 \div 7 = 2$	$56 \div 8 = 7$	$29 \div 9 = 3$
$32 \div 4 = 8$	$15 \div 5 = 3$	$24 \div 6 = 4$	$30 \div 7 = 5$	$16 \div 8 = 2$	$81 \div 9 = 9$
$40 \div 4 = 10$	$45 \div 5 = 9$	$42 \div 6 = 7$	$63 \div 7 = 9$	$64 \div 8 = 8$	$36 \div 9 = 4$

_____ !



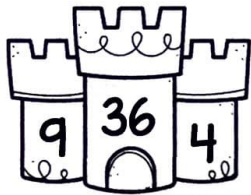
Sandcastle Fact Families

Complete the equations for each sandcastle using the three numbers on the sandcastle.



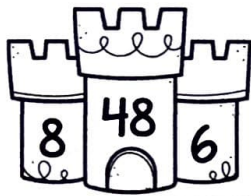
$$\begin{array}{l} 4 \times 6 = \square \\ \square \times \square = \square \end{array}$$

$$\begin{array}{l} \square \div 6 = \square \\ \square \div \square = \square \end{array}$$



$$\begin{array}{l} 9 \times \square = \square \\ \square \times \square = \square \end{array}$$

$$\begin{array}{l} \square \div 4 = \square \\ \square \div \square = \square \end{array}$$



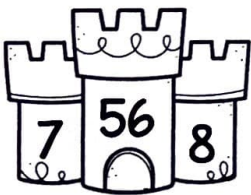
$$\begin{array}{l} 8 \times \square = \square \\ \square \times \square = \square \end{array}$$

$$\begin{array}{l} \square \div 8 = \square \\ \square \div \square = \square \end{array}$$



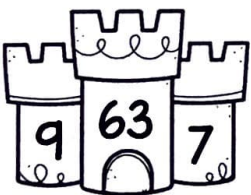
$$\begin{array}{l} \square \times \square = \square \\ \square \times \square = \square \end{array}$$

$$\begin{array}{l} \square \div \square = \square \\ \square \div \square = \square \end{array}$$



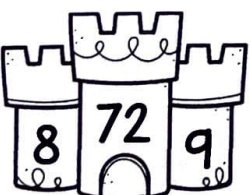
$$\begin{array}{l} \square \times \square = \square \\ \square \times \square = \square \end{array}$$

$$\begin{array}{l} \square \div \square = \square \\ \square \div \square = \square \end{array}$$



$$\begin{array}{l} \square \times \square = \square \\ \square \times \square = \square \end{array}$$

$$\begin{array}{l} \square \div \square = \square \\ \square \div \square = \square \end{array}$$



$$\begin{array}{l} \square \times \square = \square \\ \square \times \square = \square \end{array}$$

$$\begin{array}{l} \square \div \square = \square \\ \square \div \square = \square \end{array}$$

Popsicle Missing Numbers

The popsicles are hiding a number in each fact. Write the missing numbers on the popsicles.

$2 \times 7 = \text{popsicle}$

$9 \times 4 = \text{popsicle}$

$8 \times 3 = \text{popsicle}$

$5 \times 6 = \text{popsicle}$

$3 \times \text{popsicle} = 27$

$7 \times \text{popsicle} = 42$

$9 \times \text{popsicle} = 63$

$5 \times \text{popsicle} = 35$

$\text{popsicle} \times 5 = 40$

$\text{popsicle} \times 7 = 21$

$\text{popsicle} \times 6 = 54$

$\text{popsicle} \times 8 = 32$

$25 \div 5 = \text{popsicle}$

$48 \div 6 = \text{popsicle}$

$20 \div 4 = \text{popsicle}$

$49 \div 7 = \text{popsicle}$

$56 \div \text{popsicle} = 6$

$64 \div \text{popsicle} = 8$

$72 \div \text{popsicle} = 8$

$28 \div \text{popsicle} = 4$

$\text{popsicle} \div 6 = 3$

$\text{popsicle} \div 9 = 9$

$\text{popsicle} \div 5 = 9$

$\text{popsicle} \div 5 = 10$

Write the answer below the fact. In each row color the popsicle with the highest value.

7×9 8×7 7×7 6×9 8×8 6×7

$64 \div 8$ $36 \div 4$ $40 \div 8$ $30 \div 6$ $49 \div 7$ $54 \div 9$

Sunshine Rounding

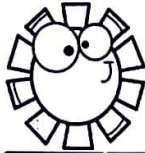
Round each sun's number then color the number that it rounds to.

Round to the nearest 10.



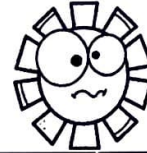
78

70	80	60	90
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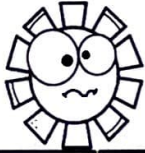
63

70	50	80	60
----	----	----	----



35

40	20	50	30
----	----	----	----



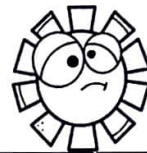
241

250	240	340	350
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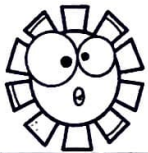
396

390	410	400	490
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612

620	600	710	610
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1,427

1,400	1,420	1,430	1,500
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3,504

3,500	3,510	3,520	3,600
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6,729

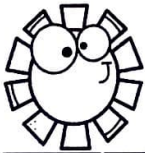
6,600	6,700	6,720	6,730
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Round to the nearest 100.



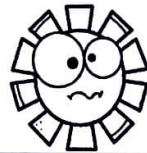
138

100	200	130	140
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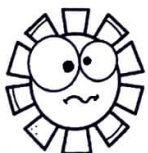
457

450	460	400	500
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732

700	800	600	730
-----	-----	-----	-----



951

900	1,050	1,000	1,100
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818

810	800	820	900
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473

470	480	400	500
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3,562

3,560	3,570	3,000	3,600
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4,980

4,980	4,900	4,800	5,000
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2,127

2,100	2,120	2,130	2,200
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Summer Riddle

3 Digit Addition and Subtraction with Regrouping

Answer the additions and subtraction then write the letter above the answer in the riddle to solve it.

$$\begin{array}{r} 49 \\ 207 \\ + 651 \\ \hline \end{array}$$

A _____

$$\begin{array}{r} 251 \\ 104 \\ + 596 \\ \hline \end{array}$$

R _____

$$\begin{array}{r} 51 \\ 472 \\ + 409 \\ \hline \end{array}$$

Y _____

$$\begin{array}{r} 357 \\ 160 \\ + 248 \\ \hline \end{array}$$

I _____

$$\begin{array}{r} 59 \\ 352 \\ + 437 \\ \hline \end{array}$$

O _____

$$\begin{array}{r} 125 \\ 68 \\ + 639 \\ \hline \end{array}$$

W _____

$$\begin{array}{r} 260 \\ 585 \\ + 146 \\ \hline \end{array}$$

N _____

$$\begin{array}{r} 731 \\ 160 \\ + 99 \\ \hline \end{array}$$

H _____

$$\begin{array}{r} 471 \\ - 293 \\ \hline \end{array}$$

E _____

$$\begin{array}{r} 842 \\ - 536 \\ \hline \end{array}$$

U _____

$$\begin{array}{r} 731 \\ - 525 \\ \hline \end{array}$$

T _____

$$\begin{array}{r} 673 \\ - 436 \\ \hline \end{array}$$

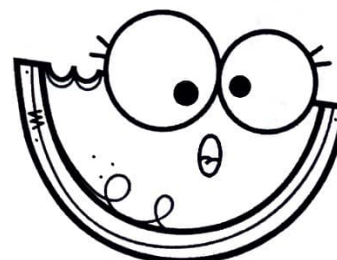
G _____

$$\begin{array}{r} 807 \\ - 244 \\ \hline \end{array}$$

M _____

$$\begin{array}{r} 700 \\ - 264 \\ \hline \end{array}$$

L _____



When do you go at red and stop at green?

$$\overline{832} \quad \overline{990} \quad \overline{178} \quad \overline{991}$$

$$\overline{932} \quad \overline{848} \quad \overline{306}$$

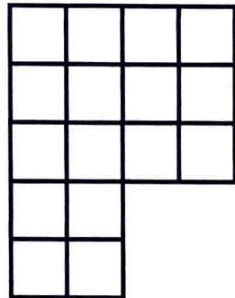
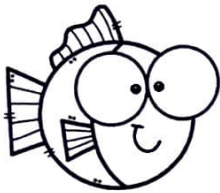
$$\overline{907} \quad \overline{951} \quad \overline{178}$$

$$\overline{178} \quad \overline{907} \quad \overline{206} \quad \overline{765} \quad \overline{991} \quad \overline{237}$$

$$\overline{832} \quad \overline{907} \quad \overline{206} \quad \overline{178} \quad \overline{951} \quad \overline{563} \quad \overline{178} \quad \overline{436} \quad \overline{848} \quad \overline{991} \quad !$$

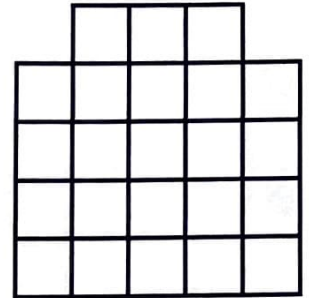
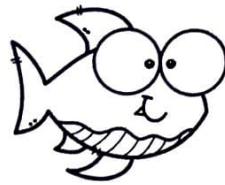
Ocean Friends Perimeter and Area

Each of the ocean friends has drawn a shape. Work out the area and perimeter for each shape.



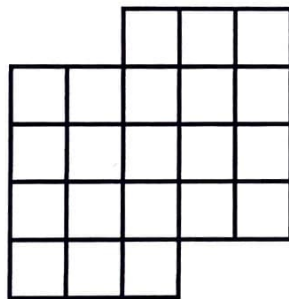
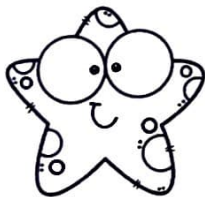
Area - _____ square units

Perimeter - _____ units



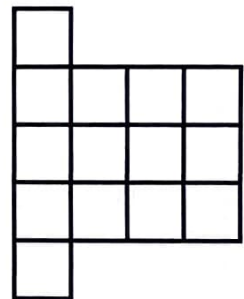
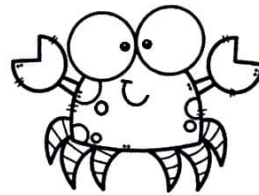
Area - _____ square units

Perimeter - _____ units



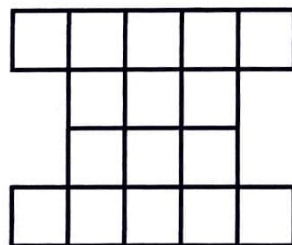
Area - _____ square units

Perimeter - _____ units



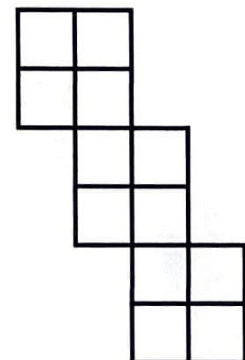
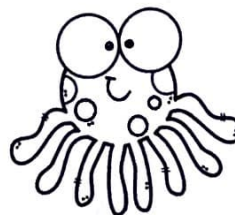
Area - _____ square units

Perimeter - _____ units



Area - _____ square units

Perimeter - _____ units



Area - _____ square units

Perimeter - _____ units