

INCOMING SEVENTH GRADE SUMMER PACKET

Each week this summer please complete one of the following review sheets. Please show as much work as you can for each problem. These review sheets will be collected on the first day of school and will be counted as a grade for the first quarter. Doing these review sheets will help you prepare for seventh grade math class.

Have a great summer!! See you soon !



Mrs. Benoit and Mr. Skeats

Summer Math - Rising 7th Grade WEEK 1

1. $\frac{3}{5} \div 6 =$

A. $3\frac{3}{5}$

B. $\frac{1}{7}$

C. $\frac{3}{10}$

D. $\frac{1}{10}$

6.NS.1

4. The classroom is 7 yards long. What is the length in inches?

A. 14 inches

B. 84 inches

C. 252 inches

D. 21 inches

6.RP.3d

2. Matt paid \$6.65 to download 7 songs. What is the unit rate?

A. \$0.95 / song

B. \$0.90 / song

C. \$46.55/ song

D. \$0.85 / song

6.RP.2

5. $527.3 + 6.98 =$

A. 533.28

B. 534.28

C. 597.10

D. 535.28

6.NS.3

3. Which event could be represented by the integer -5?

A. Depositing \$5 into your bank account.

B. Adding 5 songs to your playlist.

C. Losing 5 yards on the play.

D. Jumping up 5 feet on a trampoline.

6.NS.5

6. What is the ratio of circles to squares?

A. 1:3

B. 3:1

C. 4:3

D. 4:1



6.RP.1

Summer Math - Rising 7th Grade WEEK 2

7. $20.35 \div 5.5 =$

- A. 0.37
- B. 370
- C. 37
- D. 3.7

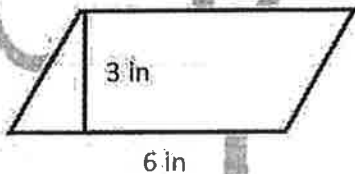
6.NS.3

10. The city's elevation is 23.5 feet below sea level. Between which 2 integers is this elevation?

- A. 23 and 24
- B. -23 and -24
- C. 0 and -23
- D. -24 and -25

6.NS.6a

8. What is the area of this parallelogram?



- A. 9 in^2
- B. 18 in^2
- C. 36 in^2
- D. 12 in^2

6.G.1

11. What is 15% of 70?

- A. 1050
- B. 10.50
- C. 101.5
- D. 1.05

6.RP.3c

9. Write an algebraic expression for 5 times the sum of y and 1.

- A. $5 \times (y + 1)$
- B. $5 \times y + 1$
- C. $5 \times (y - 1)$
- D. $5 \times (5y)$

6.EE.2a

12. $7x = 21$. Solve for x .

- A. $x = \frac{1}{3}$
- B. $x = 3$
- C. $x = 147$
- D. $x = \frac{1}{147}$

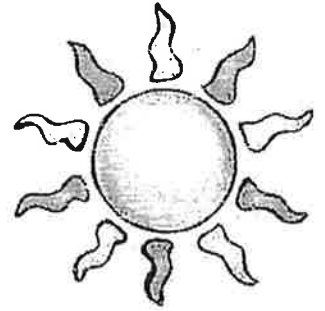
6.EE.7

Summer Math - Ratios

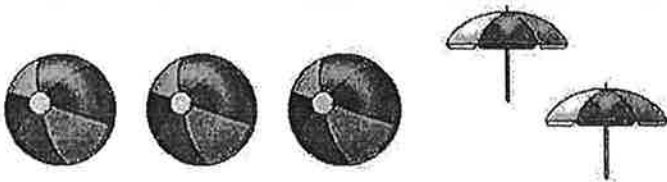
WEEK 3

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.

Write the number you completed correctly in the sun.



What is the ratio of beach balls to beach umbrellas?



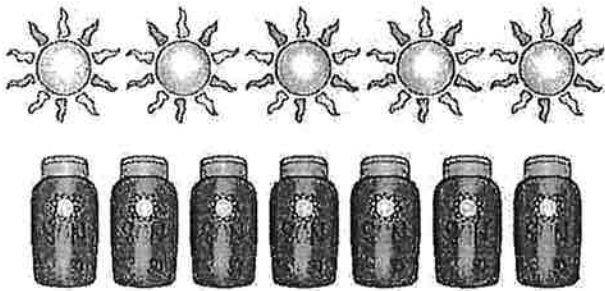
Answer: _____

What is the ratio of shovels to buckets?



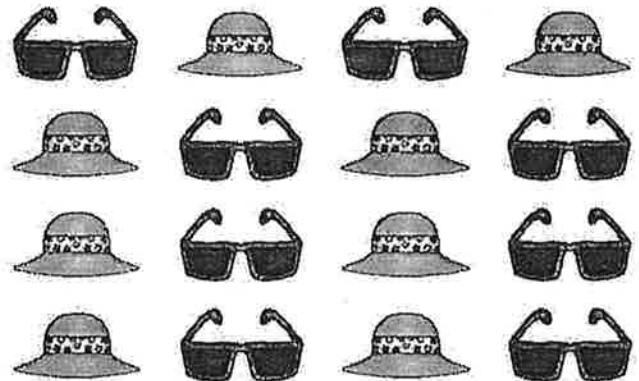
Answer: _____

What is the ratio of sunscreen bottles to suns?



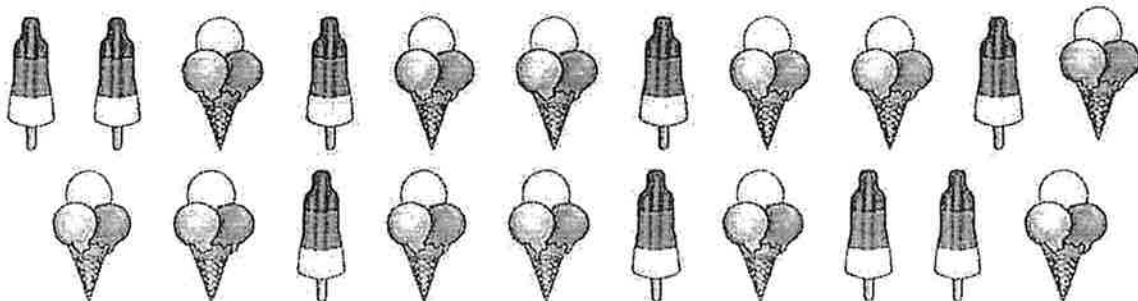
Answer: _____

What is the ratio of sunglasses to hats?



Answer: _____

What is the ratio of ice cream cones to popsicles?

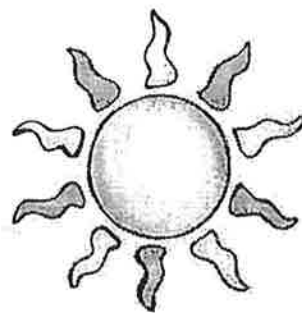


Answer: _____

Summer Math - Evaluating Expressions

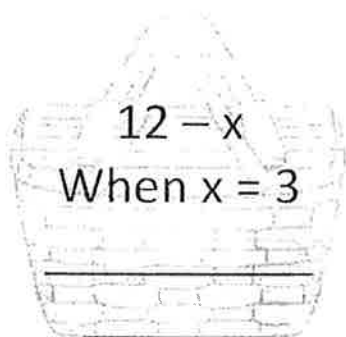
WEEK 4

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.

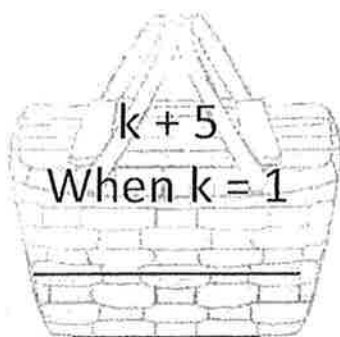


Write the number you completed correctly in the sun.

Find the value of the expressions below.



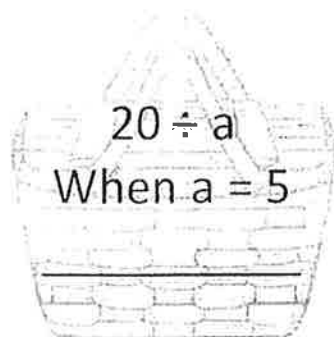
$12 - x$
When $x = 3$



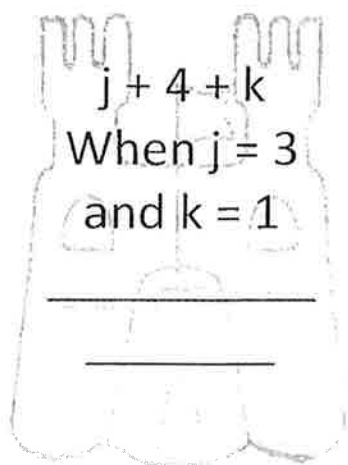
$k + 5$
When $k = 1$



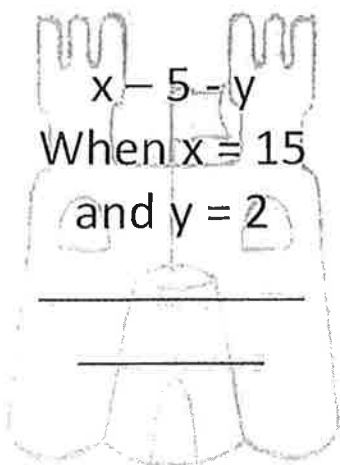
$8 \times y$
When $y = 6$



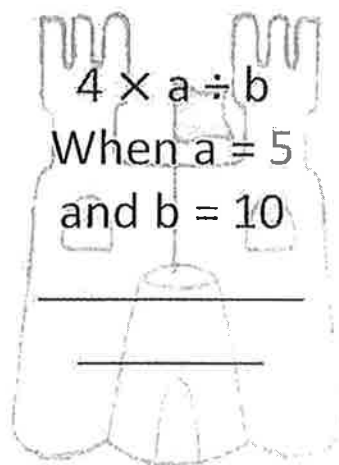
$20 \div a$
When $a = 5$



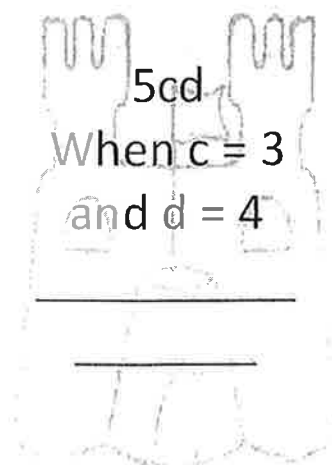
$j + 4 + k$
When $j = 3$
and $k = 1$



$x - 5 - y$
When $x = 15$
and $y = 2$

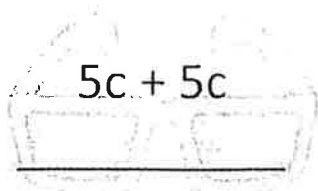


$4 \times a \div b$
When $a = 5$
and $b = 10$



$5cd$
When $c = 3$
and $d = 4$

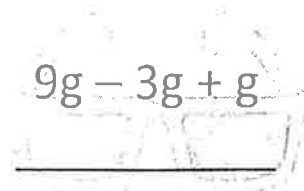
Combine like terms below.



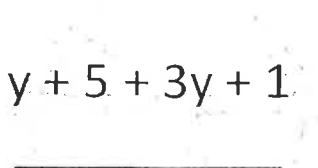
$5c + 5c$



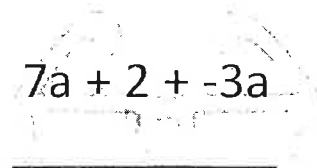
$8k - 2k$



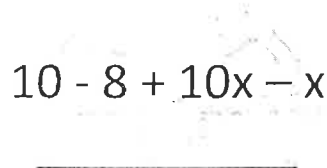
$9g - 3g + g$



$y + 5 + 3y + 1$



$7a + 2 + -3a$



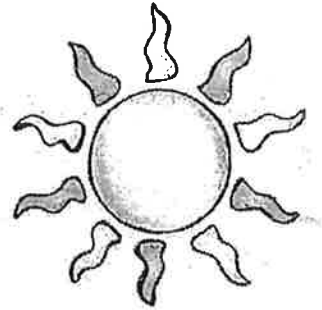
$10 - 8 + 10x - x$

Summer Math - Unit Rate Word Problems

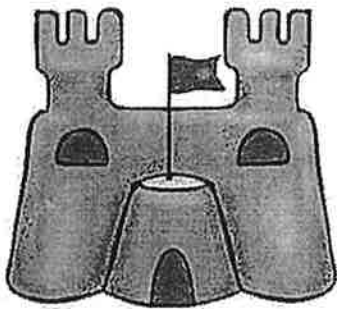
WEEK 6

See how many questions you can answer correctly in 5 minutes. Use a timer to help keep time.

Write the number you completed correctly in the sun.



Team A built 8 sandcastles in 2 hours and Team B built 5 sandcastles in 1 hour. Which team worked at a faster rate?



How many sandcastles will Team A build in 3 hours?

How many sandcastles will Team B build in 4 hours?

John Paul and Susie collected seashells at the beach.

John Paul collected $\frac{20 \text{ seashells}}{\text{hour}}$

Susie collected $\frac{25 \text{ seashells}}{\text{hour}}$

How many seashells did John Paul collect after 2 hours?

How many seashells did Susie collect after 2 hours?

How many total seashells did they both collect after 2 hours?

