Name: _____ **Block:** _____

***Reduce each fraction to **lowest terms**. Show what you divided by to reduce the fraction. Circle your final answer.

① $\frac{6}{9}$ =

② $\frac{18}{24}$ =

③ $\frac{14}{28}$ =

④ $\frac{12}{48}$ =

***Change each improper fraction to a mixed number in **lowest terms**. Show all work. Circle your final answer.

⑤ $\frac{31}{5}$ =

⑥ $\frac{12}{8}$ =

⑦ $\frac{47}{11}$ =

⑧ $\frac{15}{4}$ =

***Change each mixed number to an improper fraction. Show all work. Circle your final answer.

⑨ $5\frac{9}{10}$ =

⑩ $6\frac{2}{3}$ =

⑪ $12\frac{5}{6}$ =

⑫ $2\frac{1}{4}$ =

***Find an equivalent fraction for each fraction given.

⑬ $\frac{7}{8} = \frac{\square}{56}$

⑭ $\frac{3}{4} = \frac{24}{\square}$

⑮ $\frac{2}{5} = \frac{\square}{60}$

⑯ $\frac{6}{16} = \frac{3}{\square}$

1. Justify the quotient of 569 ÷ 5 using Base-10 Blocks.

2. What is the decimal and percent of:

Fraction:	Decimal:	Percent:
½		
¾		
¼		

3. Justify the quotient of 697 ÷ 4 using Base-10 Blocks.

4. Find the LCM of 15 and 20.

5. Reduce the following:

   4/16 24/36 9/27

6. Write an expression for the following situation:

   Alice uses 4 cups of flour for every cake she makes. How many cups of flour would she need for *c* cakes?

7. Find the first 2 common multiples for 5 and 7.

8. Ann's dog barks every 8 seconds. Jim's dog barks every 6 seconds. If they both bark at the same time, in how many seconds will they bark again?

   (a) 48 seconds
   (b) 36 seconds
   (c) 32 seconds
   (d) 24 seconds

Student Name: _____ Score:

Order of Operations – Basic four operators

Solve: Workspace

$12 \div 2 \times 6 + 4 - 3$ Answer:	
$4 - 6 \times 2 \div 2 + 2$ Answer:	
$5 - 8 \div 4 \times 2 - 1$ Answer:	
$12 \div 6 - 3 \times 3 + 2$ Answer:	
$4 \times 6 - 2 + 8 \div 2 - 2$ Answer:	

1 When Garrett woke up this morning, the temperature was 68°F. By 3:00 P.M., the temperature had risen 17 degrees. What was the temperature at 3:00 P.M.?

A 51°F

B 61°F

C 75°F

D 85°F

2 Tanya's family moved to Camden, Texas $2\frac{1}{3}$ years ago. How many months ago did Tanya's family move to Camden?

F 28

G 27

H 24

J 21

3 Which of the following measurements is the least?

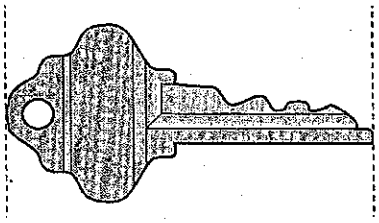
A 1 liter

B 5 kiloliter

C 80 liter

D 1,200 milliliter

4 The following key is the actual size of a house key.



What is the length of the key to the nearest centimeter?

F 2

G 3

H 4

J 5

5 Kevin has 3,000 grams of sand to use in a science experiment. He needs to put the sand into 1-kilogram boxes. How many 1-kilogram boxes will Kevin use for the sand?

A 0.3

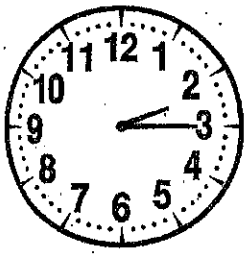
B 3

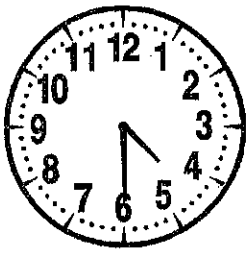
C 30

D 300

GO ON

6 Becky arrived at the video arcade at 2:15 P.M. She left the arcade at 4:30 P.M.





How long was Becky are the arcade?

F 1 hour, 15 minutes

G 1 hour, 45 minutes

H 2 hours, 15 minutes

J 2 hours, 45 minutes

7 The gas tank in Jon's car holds 15 gallons of gas. How many quarts of gas does Jon's gas tank hold?

A 30

B 45

C 60

D 75

8 Which of the following lengths is the shortest?

F 200 millimeters

G 200 centimeters

H 200 meters

J 200 kilometers

9 When Collin was born, he weighed 8 pounds, 4 ounces. How many ounces did Collin weigh when he was born?

A 124 ounces

B 128 ounces

C 132 ounces

D 136 ounces

10 Destiny has a dentist appointment today at 2:30 P.M. It is 10:45 A.M. now. How long is it until Destiny's appointment?

F 3 hours, 15 minutes

G 3 hours, 45 minutes

H 4 hours, 15 minutes

J 4 hours, 45 minutes

1. What is the expanded form of 6.042?

[A] $6+0.4+0.002$ [B] $60+0.2+0.04$ [C] $6+0.02+0.004$ [D] $6+0.04+0.002$

2. What is the value of the 4 in 8.142?

[A] 4 tenths [B] 4 thousandths [C] 4 hundreds [D] 4 hundredths

3. What is the expanded form of 4.068?

[A] $4+0.06+0.008$ [B] $4+0.08+0.006$ [C] $40+0.6+0.008$ [D] $4+0.8+0.06$

4. What is the value of the 3 in 5.387?

[A] 3 hundredths [B] 3 thousandths [C] 3 tenths [D] 3 tens

5. What is the standard form of $8+0.3+0.02+0.008$?

[A] 8.823 [B] 8.382 [C] 8.238 [D] 8.328

6. What decimal number can be written as $4+0.4+0.006$?

[A] 4.46 [B] 4.406 [C] 40.046 [D] 4.604

7. What is the value of the 2 in 1.723?

[A] 2 hundreds [B] 2 thousandths [C] 2 tenths [D] 2 hundredths

8. What is the value of the 6 in 1.836?

[A] 6 thousands [B] 6 hundredths [C] 6 tenths [D] 6 thousandths

9. What is the standard form of $2+0.6+0.05+0.004$?

[A] 2.645 [B] 2.654 [C] 2.456 [D] 2.564

10. What is the standard form of $9+0.4+0.08+0.003$?

[A] 9.843 [B] 9.438 [C] 9.384 [D] 9.483

11. What decimal number can be written as $5+0.01$?

[A] 50.01 [B] 5.001 [C] 5.01 [D] 5.1

12. What is the expanded form of 7.813?

[A] $7+0.8+0.03+0.001$ [B] $7+0.1+0.08+0.003$

[C] $7+0.3+0.01+0.008$ [D] $7+0.8+0.01+0.003$

13. What decimal number can be written as $7+0.08+0.009$?

[A] 7.98 [B] 7.089 [C] 70.809 [D] 7.098

14. What is the value of the 4 in 3.694?

[A] 4 thousandths [B] 4 hundredths [C] 4 tenths [D] 4 thousands

15. What is the expanded form of 10.792?

[A] $10+0.7+0.09+0.002$ [B] $10+0.7+0.02+0.009$

[C] $10+0.9+0.07+0.002$ [D] $10+0.2+0.09+0.007$

Properties Sort Name: _____

Associative Property
Commutative Property
Identity Property
Distributive Property

4 x 27 = 4 (20 +7)	12 + 6 = 6 + 12
5 x (20 x 9) = (5 x 20) x 9	40 x 8 = 8 x 40
3 + (6 + 4) = (3 + 6) + 4	(9 x 6) x 4 = 9 x (6 x 4)
75 x 42 = 42 x 75	87 X 7 = (90-3) X 7
65 x 1 = 65	45 X 6 = 6 X 45
8 x (5 x 4) = (8 x 5) x 4	1,037 x 1 = 1,037
4 x 53 = (4 x 50) + (4 x 3)	42 x 6 = (40 x 6) + (2 x 6)