Name: _____

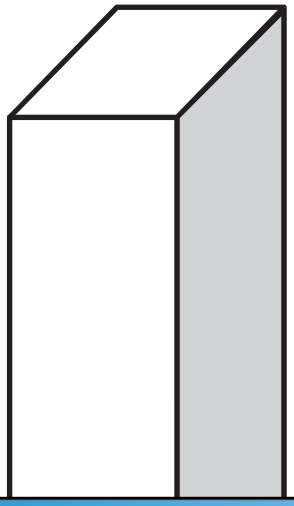
Daily Math Practice

E

086

Math Buzz

Find the volume of the rectangular prism.



Factors of 56: 1, 2, 4, 7, 8, 14, 28, 56

Factors of 42: 1, 2, 3, 6, 7, 14, 21, 42

List the common factors : _____

The greatest common factor (GCF) is _____.

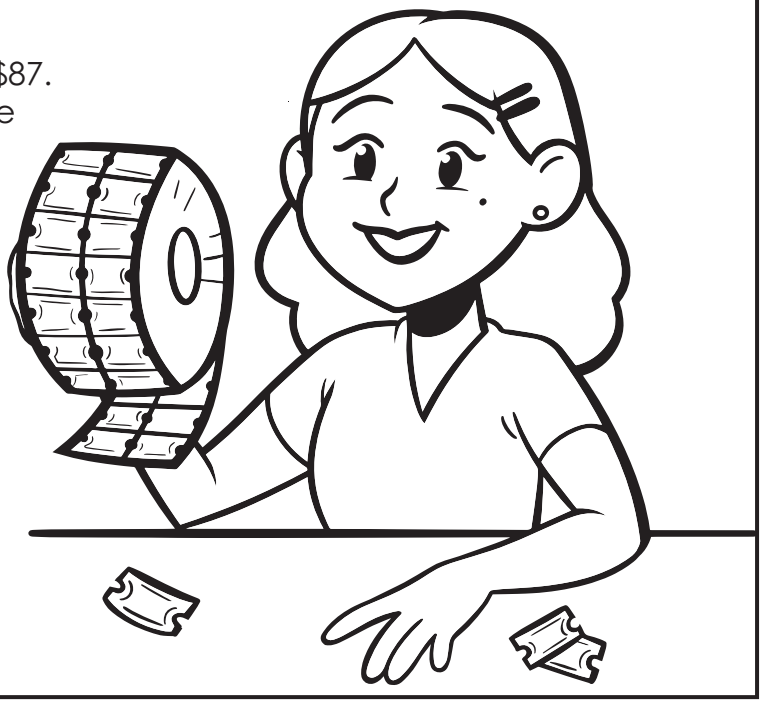
Which expanded form represents the number shown.

3.546

a. $(3 \times 1) + (4 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (6 \times \frac{1}{1,000})$

The seating capacity at Shea's Theatre is 3,019. Tickets for a performance this Friday night cost $87. If the show sells out, how much will Shea's make in ticket sales?

Show your work.



answer: _____

Name: _____

Daily Math Practice
E
087

Math Buzz

Find the rule.

Input	354	138	476	922	148
Output	361	145	483	929	155

Rule: _____

Use the rule to find the output if the input is 425.

_____

Divide.

_____ = 540,000 ÷ 10^3

Subtract.

_____ = 97.58 − 53.94

$$\begin{array}{r} 69.21 \\ -\ 5.28 \\ \hline \end{array}$$

Find the difference between 8.74 and 3.59. _____

Color the parallelograms.

Circle **true** or **false** for each statement.

All parallelograms have 90° angles.

true **false**

All parallelograms have opposite sides that are parallel.

true **false**

Name: _____

Daily Math Practice

E

088

Math Buzz

The Fairview Elementary Golf Squad needs 90 new golf balls for an upcoming tournament. If they come in boxes of 12, how many boxes of golf balls will they need?

Show your work.

What number is equivalent to the expanded form shown?

$$(8 \times 1) + (9 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (2 \times \frac{1}{1{,}000})$$

a. 2.198 **b.** 1.298 **c.** 8.129 **d.** 8.912

Classify the triangle by its angles and sides.

acute **equilateral**

right **isosceles**

obtuse **scalene**

Evaluate each expression. Then compare using **>**, **<**, or **=**.

$$2 \times (\frac{2}{8} + \frac{4}{8}) \quad \bigcirc \quad (\frac{3}{8} \times 5) - \frac{6}{8}$$

Name: _____

Daily Math Practice

E

089

Math Buzz

Find the rule.

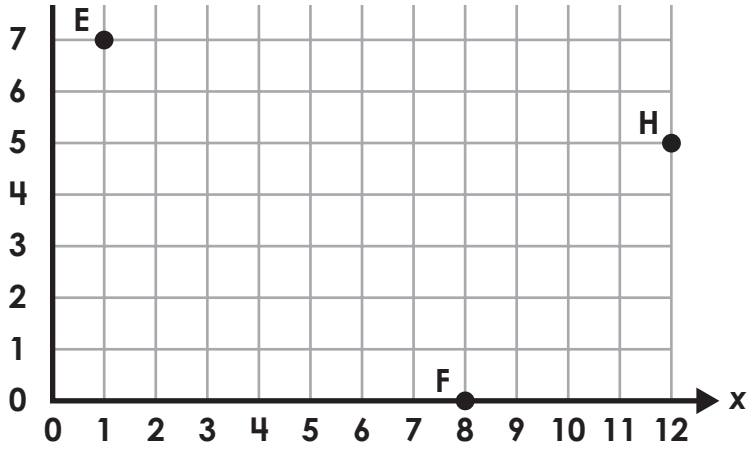
Input	Output
48	12
100	25
64	16
148	37
240	60

Multiply. Simplify if possible.

$\frac{5}{12} \times \frac{7}{8} =$ _____

$\frac{6}{9} \times \frac{2}{3} =$ _____

32.75
+ 48.62



Find the sum of 59.36 and 6.73.

_____

E _____ F _____

G _____ H _____

Name: _____

Daily Math Practice

E

090

Math Buzz

The table below shows the times each rider completed the dirt bike race course. How many seconds faster did Maddie complete the course than Christian?

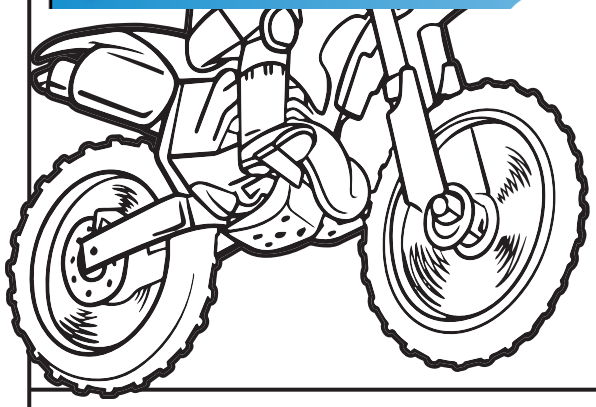
Riders	Times
Dylan	14 minutes 48 seconds
Maddie	12 minutes 23 seconds
Aaron	13 minutes 6 seconds
Christian	13 minutes 39 seconds

Which expression represents **4 ÷ 5**?

a. $\frac{1}{4}$ **b.** $\frac{1}{5}$ **c.** $\frac{4}{5}$ **d.** $\frac{5}{4}$

Divide. ***Show your work.***

56 ⟌ 4,984



32 ⟌ 3,956

Evaluate each expression.

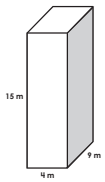
$(21 \times 7) \times 10^6$ = _____

$5 \times (10^4 \times 37)$ = _____

Math Buzz ANSWERS

Daily Math Practice
E
086-090

Find the volume of the rectangular prism.



15 x 4 x 9 = 540

Volume = 540 cubic m

Factors of 56: 1, 2, 4, 7, 8, 14, 28, 56

Factors of 42: 1, 2, 3, 6, 7, 14, 21, 42

List the common factors :

1, 2, 7, 14

The greatest common factor (GCF) is

14.

Which expanded form represents the number shown.

3.546

a. $(3 \times 1) + (4 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (6 \times \frac{1}{1,000})$

b. $(3 \times 1) + (5 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (6 \times \frac{1}{1,000})$

c. $(3 \times 1) + (6 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (5 \times \frac{1}{1,000})$

d. $(6 \times 1) + (4 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (3 \times \frac{1}{1,000})$

The seating capacity at Shea's Theatre is 3,019. Tickets for a performance this Friday night cost $87. If the show sells out, how much will Shea's make in ticket sales?

Show your work.

3,019 x 87 = 262,653

answer: $262,653

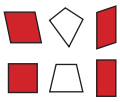
Find the rule.

Input	354	138	476	922	148
Output	361	145	483	929	155

Rule: Add 7

Use the rule to find the output if the input is 425.

Color the parallelograms.



Circle **true** or **false** for each statement.

All parallelograms have 90° angles.

true (false)

All parallelograms have opposite sides

Divide.

$120{,}000{,}000 \div 10^{7} =$ 12

8 = $800{,}000 \div 10^{5}$

$62{,}000{,}000{,}000 \div 10^{9} =$ 62

Subtract.

43.64 = 97.58 − 53.94

8 1111
~~69.21~~
− 5.28
63.93

answer: 8 boxes

obtuse (scalene)

Find the rule.

Input	Output
48	12
100	25
64	16
148	37
240	60

Rule: Divide by 4

Multiply. Simplify if possible.

$\frac{5}{12} \times \frac{7}{8} = \frac{35}{96}$

$\frac{6}{9} \times \frac{2}{3} = \frac{12}{27} = \frac{4}{9}$

Add.

16.21 = 6.37 + 9.84

1 1
32.75
+ 48.62
81.37

Find the sum of 59.36 and 6.73.

66.09

Write the point that is located at each ordered pair.

E (1, 7)

F (8, 0)

G (6, 11)

H (12, 5)

The table below shows the times each rider completed the dirt bike race course. How many seconds faster did Maddie complete the course than Christian?

819 − 743 = 76

answer: 76 seconds

Which expression represents 4 ÷ 5?

a. $\frac{1}{4}$ b. $\frac{1}{5}$ (c. $\frac{4}{5}$) d. $\frac{5}{4}$

Divide. *Show your work.*

$$\begin{array}{r} 89 \\ 56\overline{)4{,}984} \\ -448 \\ \hline 504 \\ -504 \\ \hline 0 \end{array} \qquad \begin{array}{r} 123\text{ r }20 \\ 32\overline{)3{,}956} \\ -32 \\ \hline 75 \\ -64 \\ \hline 116 \\ -96 \\ \hline 20 \end{array}$$

Evaluate each expression.

$(21 \times 7) \times 10^{6} =$ 147,000,000

$5 \times (10^{4} \times 37) =$ 1,850,000