

Morning Work

September 16, 2013

Poetry

How Many Seconds?

How many second in a minute?
Sixty, and no more in it.
How many minutes in an hour?
Sixty for sun and shower.
How many hours in a day?
Twenty -four for word and play.
How many days in a week?
Seven both to hear and speak.
How many weeks in a month?
Four, as the swift moon
runneth.
How many months in a year?
Twelve the almanack makes
clear.
How many years in an age?
One hundred says the sage.
How many ages in time?
No one knows the rhyme.

~Christina Rossetti

S
C
I
E
N
C
E

M
A
T
H

1. Write **2 thoughts** about the poem.
2. Answer the science question. **Write an explanation** to defend your answers.
3. Solve/answer the math problem. Write to **defend/explain your reasoning**. **Show your work**.

Force & Motion

5. A soccer ball is rolling across the grass. It begins to slow down. Then it stops. What force caused the motion to stop?

- A
n
s
w
e
r
- A** gravity
 - B** push
 - C** friction
 - D** pull

Powers of Ten

1. In the number 2,222,222, what is the difference between the 2 in the hundredths place and the 2 in the place to its left?

The 2 in the hundredths place represents 100 times what the 2 to its left represents.

The 2 in the hundredths place represents 10 times what the 2 to its left represents.

The 2 in the hundredths place represents $\frac{1}{10}$ of what the 2 to its left represents.

The 2 in the hundredths place represents $\frac{1}{100}$ of what the 2 to its left represents.

A
n
s
w
e
r

Next Question

Explanation

1. Write **2 thoughts** about the poem.
2. Answer the science question. **Write an explanation** to defend your answers.
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Poetry

Bare Feet and Dog

Lovey, my chocolate Lab,
 Swims in the creek
 Shakes water on my feet
 Thumps her tail on my feet
 Steps on my feet
 Tangles up her leash in my feet
 Slurps water from her bowl then
 Licks my feet.

She has beautiful eyes and a
 loud bark
 She's afraid of thunder but not
 the dark
 Lovey is there for me and
 always sweet
 I love her from my head down
 to my
 sore, wet feet.

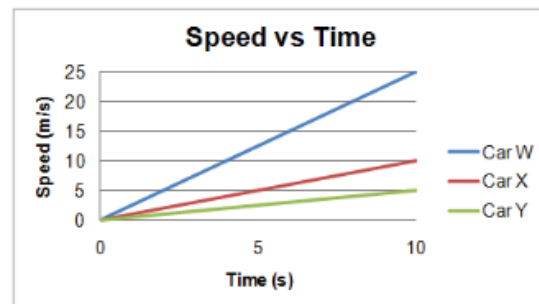
~Susan Moger

S C I E N C E

Morning Work

September 17, 2013

1. Mildred's teacher gave her a little motor and several toy cars. The motor fit inside the toy cars and could push each one with a steady force that was always the same. Mildred kept track of how fast the cars went. The graph below shows her measurements.



The mass of each car was different. Put the cars in order from lightest to heaviest.

- Answer
- A Car Y, Car X, Car W
 - B Car W, Car X, Car Y
 - C Car X, Car W, Car Y
 - D Car Y, Car W, Car X

M A T H

1. Maria ran 3.9 miles a day for 20 days straight. How many miles did Maria run altogether during the 20 day stretch?

- Answer
- A 98
 - B 78
 - C 58
 - D 74.1

Morning Work

September 18, 2013

1. Write **2 thoughts** about the poem.
2. Answer the science question. **Write an explanation** to defend your answers.
3. Solve/answer the math problem. Write to **defend/explain your reasoning**. **Show your work**.

Poetry

Fireflies

fireflies on night canvas
cat eyes glowing like moonbeams
climbing now towards hidden
places
they speak to the language
of darkness & of their lives torn
from roots in flux & of their
substance
forming the core
substantially transparent they
swim through ethereal darkness
where silence can be wisdom
searching for open doors

~Quincy Troupe

S C I E N C E

Force & Motion

2. Holly wants to design a test to find out how fast her friend Jill can walk from one end of the playground to the other.

Which question would be best for Holly to answer with her design?

- A n s w e r
- A** What kind of shoes is Jill wearing?
 - B** How fast can Daniel ride to school on his bike?
 - C** Do dogs walk faster than people?
 - D** How can I measure Jill's speed?

M A T H

2. At most Nate can run 0.3 of a mile in a minute. If he is given 15.3 minutes to run as far as he can, how many miles can Nate run in that time?

- A n s w e r
- 4.48 miles
 - 4.59 miles
 - 4.56 miles
 - 6.12 miles

Morning Work September 19, 2013

1. Write **2 thoughts** about the poem.
2. Answer the science question. **Write an explanation** to defend your answers.
3. Solve/answer the math problem. Write to **defend/explain your reasoning**. **Show your work**.

Poetry

The Eagle

He clasps the crag with crooked hands;
Close to the sun in lonely lands,
Ring'd with the azure world, he stands.

The wrinkled sea beneath him crawls;
He watches from his mountain walls,
And like a thunderbolt he falls.

~Alfred, Lord Tennyson

S C I E N C E

Force & Motion

3. A man pushes very hard to move a heavy refrigerator up a steep ramp. It takes energy to move the refrigerator up.



Predict what would happen if the man suddenly stopped pushing the refrigerator.

- A
n
s
w
e
r
- A** The refrigerator would slide or fall down.
 - B** The refrigerator would keep going up the ramp.
 - C** The refrigerator's motion would not change.
 - D** The refrigerator would stay where it is.

M A T H

3. Edna raises money for charity and donates \$123 per week. How much does Edna donate to charity each year? *Note: There are 52 weeks in a year.*

- A
n
s
w
e
r
- A \$6,396
 - B \$6,426
 - C \$6,406
 - D \$6,356

Morning Work

September 21, 2012

1. Write **2 thoughts** about the poem.
2. Answer the science question. **Write an explanation** to defend your answers.
3. Solve/answer the math problem. Write to **defend/explain your reasoning**. **Show your work**.

Poetry

White Butterflies

Fly, white butterflies, out to seas,
Frail pale wings for the winds to try.
Small white wings that we scarce can see
Fly.

Here and there may a chance-caught eye
Note in a score of you twain or three
Brighter or darker of tinge of dye.

Some fly light as a laugh of glee,
Some fly soft as a low long sigh:
All to the haven where each would be
Fly.

~Algernon Charles Swinburne

S C I E N C E

Force & Motion

1. Will is doing an experiment. He wants to find out how objects with different masses are affected when he pushes them with the same amount of force.

To do his experiment, he has a cart and several weights he can put in the cart.



By putting more weights in the cart, Will can make the cart more massive. By putting fewer weights, he can make the cart less massive.

Will has a stopwatch, so he can measure how fast the cart goes. If he plans to study the relationship between the mass of the cart and its speed when pushed with the same amount of force, what else does Will need?

- A** a way to change the force pushing on the cart
n
s a way to push the cart with the same force every time
w
e a way to change the mass of the cart
r a way to change the kind of surface the cart travels on

M A T H

4. It takes Janelle 11 minutes to run a mile. How long will it take her to run 6.4 miles?

- A** 69.5 minutes
n 70.4 minutes
s 71.5 minutes
w 76.8 minutes
e
r

Morning Work

September 20, 2013

1. Write **2 thoughts** about the poem.
2. Answer the science question. Write an **explanation** to defend your answers.
3. Solve/answer the math problem. Write to **defend/explain your reasoning**. Show your work.

S
C
I
E
N
C
E

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M
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T
H

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