

5 minute ideas Every Day math Mock Iditarod Quiz Lab Questions
Calendar Math Math Olympics Math Club

Sandy was looking for some 5 minute ideas for math fillers... Barb had this idea: Does she know about the cards "Math 24"? They are great, especially as there is usually more than 1 answer, sometimes as many as 7.

Described here:

<http://www.learningforallages.com/Math24Game.htm>

To quote Sandy: Teachers around here have found some helpful ideas at Education World's 5 Minute Fillers.

http://www.education-world.com/a_lesson/archives/fillers.shtml

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Calendar math is it the calendar component of intermediate Saxon something you added in?

Not sure Debbie, and I am sure they will answer! We did Calendar math as a part of our math a while back, so did a search and came up with some interesting sites. I don't remember where we got ours!

<http://teacher.scholastic.com/fieldtrp/k2/calendar.htm>

Website about today's date

<http://www.mrsnelsonclass.com/teacherresources/teachingmath/dailycalendar.aspx>

OR

<http://tinyurl.com/yhz3dx>

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Sandy was looking for ideas on Math Olympics, Jenn, Susie, Jae and Lynn all had ideas

I was thinking how it would be fun to start my seventh grade math students off with a math unit using the Olympics since we start back to school in two weeks. I have searched online, but I have not found anything. Does anyone have some sites that might be useful--or any ideas? Everyone in my classes have their own laptops available every day, so being online interactive sites would be really good. I feel there are most likely a lot of sites that use an Olymics theme, but I have not found any speciific for math.

Sandy in SC

Here is a site I've used with my Grade 5 class. Might be too easy for Grade 7 - or maybe a good review.

http://www.mathplayground.com/olympic_math1.html

Jennifer

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Here is a link to a site I used two Olympics ago - it was a riot and the kids learned a lot!

Jae

http://findarticles.com/p/articles/mi_m0STR/is_2_110/ai_65103743?tag=artBody;col1

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Here are some Olympic sites I've collected. I still updating it. I go back to school today!

<http://www.quia.com/pages/crestonolympics.html>

Susie

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AIMS has a mini-metric olympics activity. . . you can purchase it as an e-activity (just download it to your computer) for \$3.00. It is for grades 5 - 8. My kids have really enjoyed doing this.

Just go to the AIMS website and put "Mini-Metric Olympics" in the search box, and it will come up.

Lynn

<http://www.greatsource.com/grants/edc.html>

Everyday Math Download

The calendar math we did at our school that is so very effective is Every Day Counts Calendar Math that is found at Avis' last listed website.

<http://www.greatsource.com/grants/edc.html>

Everyday Math Download

Sandy in SC

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We are planning a mock Iditarod to end our unit on the race. I saw this somewhere, but not sure where. We are also ending our physics unit and thought it would be a good tie-in. They will work in teams, build their sleds, be the dogs, etc. I just wondered if anyone already has all the rules and plans. The kids are looking forward to it. It will be a nice activity for the kids who remain in school for the last day before spring break.

This all I have found so far. I think we are going to go with this plan since a big part of it is planned by the children. This is from a musher's website about a visit she made to a school with her dog.

Her page is

http://www.mymusher.com/ws/aboutus2.0.php?page_id=4796 .

I copied and pasted the parts that I thought were important for me. I pitched it to the kids today. They were excited. You could see their

thoughts churning.

For the mock Iditarod, students divided into teams and built "dog sleds" from refrigerator boxes that they would pull during the 1-mile race over the school grounds. The theme for this year's race was the Hawaiian Luau and the dog sleds were beautifully decorated with pineapples, Hawaiian dancers, and ocean scenes.

One student from each team was picked as the representative to attend the "Iditarod Trail Committee" meeting where the students made all of their own rules for their race. The lightest classmate from each team was picked to be the musher that would ride instead of pulling the sled.

Each team was also given a raw egg that must be carried in the sled the entire length of the race course. The real Iditarod Race was created to memorialize the famous serum run to Nome in 1925, when diphtheria antitoxin was delivered by dog sled to save sick children in that remote village. The students decided an egg would act as the serum on their race. Because a cracked or broken egg meant disqualification, students suspended their "serum eggs" in tupperware containers filled with Jell-O or jars of peanut butter.

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I must be crazy. But I am letting my top reading group brainstorm and plan how we could do a Mock Iditarod. These are most Acad. Gifted students. We are spending more time on this than I anticipated, but they are learning to brainstorm, compromise, find solutions, etc. Not exactly in our Standard Course of Study or on the End of Grade Tests, but.....

We have a rules committee, Checkpoint comm, route comm, prize comm, job officials comm, and a fate comm.

As a whole group we decided to use wagons as our musher sled, with 5 "dogs" attached with either a jump rope, or hooked together with hula hoops.

As a group we decided to randomly draw names to put together our teams of 6 students.

Then each committee decided on their specific topic. We will have Fate cards that mushers draw at the checkpoints that will tell things like: snowstorm slows you down, wait an extra 20 seconds at this checkpoint. or "extra food as been left for your dogs, they get double treats of m&ms and marshmallows"

We plan on doing this some day next week, and will have another class be our "officials, checkpoint people, veterinarianians, etc." Then the other class will race and we will be their officials.

Like I said, I am crazy.

I'll let you know if we actually survive. If anyone else is doing something like this, or has any suggestions, please let me know.

Therese, 5th in NC

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The school has a math club for grades 3-5 that has been meeting for a while. The teacher who was doing it is no longer able to do so and another teacher and I will be doing the remaining weeks.

Last week we experimented to find the eleven different nets that can make a cube. It was amazing how well the students worked together and persevered to find the nets. Now we need something to fill up the next five meetings. Does anyone have any ideas or resources to help us?

Paula/RI

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Hi Paula, just popped the question to the internet ;-) and these look like they will carry you through quite well!

www.unl.edu/amc/mathclub/03,0-ideas.html

www.googolpower.com/content/crazy-4-math/club

A Have fun!

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How about having them conduct surveys, then graph and analyze the data? Each little team could come up with its own survey question. I think I have something on my site that can guide you through this activity. Look in the math file cabinet after you go to www.lauracandler.com . You could teach them to use graphing software like MS Excel or Graph Master, or use a graph program on the internet. My kids always enjoy this. Tell them that they have to survey at least 50 people something so they get enough data. Discuss how to get a random sample. You can also have them create double bar graphs or double line graphs if they have enough data, then print them and create a poster with conclusions they drew from the data. After they get their results, they could present them to the whole group. I think it would take at least 2 meetings to work on this project, with time in between to collect data. Some of the meeting time could be used to review range, mode, median, and mean.

Laura Candler

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Paula,
How about tangrams? I did these with some students I was tutoring and they loved them. Tessellations would also be fun. You could bring in Escher and his artwork then have the students use pattern blocks to make some repeating patterns of their own. The site below has many great activities with pattern blocks and other stuff you might find useful for your club. I like the idea of a math club for elementary students.

<http://math.rice.edu/~lanius/Lessons/index.html>

Leah H

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I use to do math club with a math specialist I will call her. We did graphing and probability, with a lot of success. Start with something simple like if I have three red marbles, 2 blue marbles, 1 yellow marble which one do you think I will probably get the most of in 20 tries. Have them guess, then investigate and then graph what really happens and present it. This is often the top of my head, but i know the lessons are on the internet. I think they are at read, write, think.

<http://www.readwritethink.org/>

Pat K

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Pentominoes are fun to work with. Here is a site to tell you about them and near the bottom of the page are some good activates. Well worth a look.

<http://www.cimt.plymouth.ac.uk/resources/puzzles/pentoes/pentoint.htm>

A click a day would really help out my science site.

[http://www.teachers.teach-nology.com/cgi-bin/bestof/topsites.cgi?](http://www.teachers.teach-nology.com/cgi-bin/bestof/topsites.cgi?jackson1771)

jackson1771

Thanks,

bj

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Question Answer

What is 72 times 5? 360

What is two-thirds of 72? 48

Solve for X: $8X + 13 = 45$ $X = 4$

What is the average of the numbers 10, 15, 20? 15

What is the mode of the following data? 2, 4, 4, 6, 7, 8, 8, 9, and 10 4 and 8

What is 16 divided by 2 multiplied by 3? 24

Name the only even number between 20 and 30 that 7 divides evenly into. 28

What is half of 1,762? 881

How many pints are in 15 gallons? 120 pints

What is the area of a square whose sides measure 14 meters? 196 sq. meters

What is the area of a triangle whose height is 12 inches and its base is 10 inches? 60 sq. in.

What is 30% of 800? 240

What is 75% as a fraction in simplest form? $\frac{3}{4}$

The sixth grade class had \$500 in the class account. They spent \$297 on t-shirts. How much did they have left? \$203

Give the prime factorization of 24. $2 \times 2 \times 3$ or $2^3 \times 3$

Name all the factors of 12. 1, 2, 3, 4, 6, 12

Name all the prime factors between 1 and 30. 2, 3, 5, 7, 11, 13, 17, 19, 23, 29

What is 999 plus 136? 1,135

How many cups are in three pints? 6 cups

How many inches are in 6 feet? 72 inches

How many feet are in 288 inches? 24 feet

How many hours are in 600 minutes? 10 hours

What is 1,201 minus 97? 1,104

What is 25% of 220? 55

What is the complementary angle of an angle that measures 65° ? 25°

Some number minus 28 equals 23. What is the number? 51

What is 27% of 100? 27

Some number plus 46 equals 132. What is the number? 86

Some number divided by 4 equals 12. What is the number? 48

Some number times 9 equals 135. What is the number? 15

What is the perimeter of a rectangle whose length is 25 inches and whose width is 12 inches? 74 inches

What is $\frac{3}{5}$ of $2\frac{1}{2}$? $1\frac{1}{2}$ or $\frac{3}{2}$

How many inches are equivalent to 30 feet? 360 inches

What is 75% of 12? 9

What is the median of the following set of data: \$10, \$3, \$4, \$4, \$7, and \$6? \$5

What solid shape has 6 congruent faces? cube

How many faces does a rectangular pyramid have? 5 faces

How many faces does a cylinder have? 2 faces

How many vertices does a triangular prism have? 6 vertices

How many edges does a triangular prism have? 9 edges

Which of the following has the least value: 6.1, 6.19, 6.6, or 6.07? 6.07

Name all the factors of 16. 1, 2, 4, 8, 16

What is the answer to a subtraction problem called? difference

What is the answer to an addition problem called? sum

What is the answer to a multiplication problem called? product

What is the answer to a division problem called? quotient

What is the top number of a fraction called? numerator

What is the bottom number of a fraction called? denominator

What is the name of a fraction in which the numerator is greater than the denominator? Improper fraction

What is the remainder when 100 is divided by 14? 2

Solve for X: $2X + 50 = 3X$ X = 50

What is 232 divided by 4? 58

How many weeks are equal to 63 days? 9 weeks

What is the average of the following numbers: 5, 8, and 17? 10

How many sides does a hexagon have? 6

What is the supplementary angle of an angle that measures 55° ? 125°

What is the average of the following numbers: 12, 14, 26, and 8? 15

What is 15% of 60? 9
What is the value of $42 + 8 \div 2$? 20
Solve for X: $5X - 7 = 38$ $x = 9$
How many pounds are equivalent to 400 ounces? 25 pounds
If the movie started at 7:15 PM and ended at 9:45 PM, in hours how long did the movie last? $2 \frac{1}{2}$ hours
What is 15 times 11? 165
Which of the following is a composite number: 29, 43, 57, 71? 57 (3×19)
What is 600 divided by 8? 75
What is 53 times 20? 1060
What is 8 plus 9 plus 10 plus 11 plus 12? 50
What is 75% of 160? 120
What is two-fifths of 100? 40
What is three-fourths of 100? 75
What is one-fourth of 120? 30
What is 4 times 7 times 0 times 16? 0
How many feet are in 12 yards? 36 feet
In the number 256,831.497, what digit is in the tenths place? 4
Round 1,257.861 to the hundredths place. 11257.86
In the number 56,031.487, what digit is in the hundredths place? 8
What is the value of the digit 7 in the number 276,831? 70,000
Solve for X: $3X - 12 = 108$ $X = 40$
How many days are equivalent to 720 hours? 30 days
If today is Sunday, what day of the week will it be in 17 days? Wednesday
If today is Tuesday, what day of the week will it be in 21 days? Tuesday
If today is Monday, what day of the week will it be in 30 days? Wednesday
If today is Friday, what day of the week will it be in 20 days? Thursday
What is the supplementary angle of an angle that measures 105° ? 75°
What is the supplementary angle of an angle that measures 87° ? 93°
What is 50% of 250? 125
How many dimes are equal to \$50? 500
How many inches long is a baby that is 2 feet 5 inches long? 29 inches
How much money is 3 quarters, 8 dimes, 15 nickels and 8 pennies? \$2.38
What is the least common multiple of 9 and 12? 36
What is the least common multiple of 6 and 8? 24
What is the least common multiple of 6 and 9? 18
What is the greatest common factor of 12 and 32? 4
What is the greatest common factor of 8 and 41? 1
What is the greatest common factor of 36 and 54? 18
What is the least common multiple of 6 and 15? 30
Round 28,467 to the nearest thousand. 28,000
Solve for X: $9x = 234$. 26
How many minutes are in $3 \frac{1}{2}$ hours? 210 minutes
Add the number of minutes in an hour to the number of weeks in 2 years. 164
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There are 24 students in the class, with 6 more boys than girls. How many boys are there? 15

The sum of 3 consecutive numbers is 24. What are the numbers? 7, 8, 9

A can contains four times as many red marbles as blue marbles. There are 24 red marbles. How many blue ones are there? 6

What is the abbreviation for centimeter? cm

Find the perimeter of an equilateral triangle with sides 13 inches. 39 in.

An isosceles triangle has how many congruent or equal sides? Two

Change the mixed number $3\frac{1}{4}$ to an improper fraction. $\frac{13}{4}$

How many total legs would be on 2 ostrich, 4 flies, and 1 cow? 32 legs