

Math Quiz Game Show - Grades 4-6

Get kids excited about math with this fun-filled quiz game! We've provided 20 sample questions covering a variety of engaging topics. Just download the free game cards and follow the instructions below to set up and play the game!

Getting Started

- Download and print the question cards and category cards. Cut them apart on the dotted lines.
- Fold the answer back along the solid line.
- Print five copies of the point cards reproducible. Cut them apart on the dotted lines.

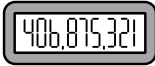
Setting Up

- Hang a pocket chart in a highly visible place.
- Place the five category cards along the top row of your chart.
- Place the question cards in the correct columns on the chart. You should have four rows of five cards each. Make sure the question sides are facing out.
- Place the point cards over the question cards. Put the 100-point cards along the top row, the 150-point cards in the second row, and so on.

How to Play

- Ask for three volunteers (or divide your class into three teams). Designate them Player 1, 2 and 3 (or Team 1, 2 and 3).
- Player 1 chooses a category and selects a point value: 100, 150, 200 or 250.
- You or a volunteer "game show host" should pull the point card from the chosen column and ask the question on the revealed card.
- If Player 1 answers correctly, give her the point card and turn over the question card in the pocket chart (revealing the answer). She can then choose another question card to answer. Play remains with Player 1 until she answers a question incorrectly.
- If Player 1 answers incorrectly, Player 2 or 3 can answer the question, depending on who raises his hand first. If that player answers correctly, play proceeds as described above. If that player answers incorrectly, the last player has the opportunity to answer the question. If the last player answers correctly, play proceeds as described above.
- If the last player answers the question incorrectly, the host reads the answer out loud and turns the question card over in the pocket chart.
- Play proceeds in order from Player 2 to Player 3, then back to Player 1, and so on.
- Play continues until all questions have been answered.
- The winner is the player with the most points at the end of the game.

How many digits are in the number fifty-one million, four hundred seventy-six thousand, twenty-three?



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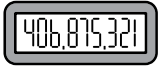
The scientists below counted all the insects they found in one year. Which scientist found the fewest insects?

Dr. Brown – 5,046,215

Dr. Garcia – 5,040,815

Dr. Lee – 5,604,615

Dr. Martin – 5,064,915



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8 digits (51,476,023)

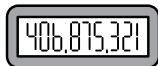
Fold here

Dr. Garcia

Fold here

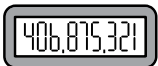
What is the greatest even number you can make using all of the following digits?

1 7 2 8 4 5



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What is the value of the 5 in 0.59?



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875,412

Fold here

5 tenths

Fold here

Ben bought 5 books for \$3.50 each.
Ken bought 8 books for \$2.25 each.

Who spent more money?



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You need to store 2,304 marbles in 6 bags. You want to put the same number of marbles in each bag. How many marbles should you put in each bag?



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ken spent more money.

Fold here

384 marbles

Fold here

There are 280 people going to a concert by bus. If each bus holds 50 people, how many buses are needed?



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What is the mystery product?

$$23 \times 22 =$$

A. 45

B. 506

C. 560

D. 57



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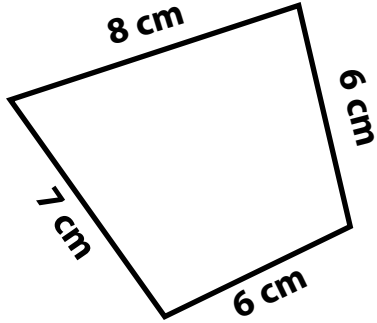
6 buses

Fold here

B. 506

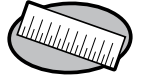
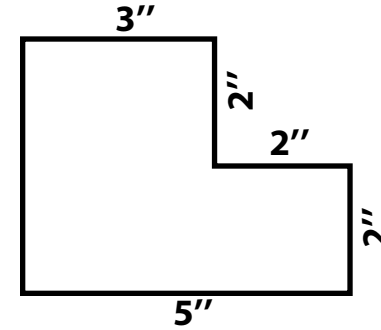
Fold here

What's the perimeter of this figure?



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What is the area of this figure?
(Hint: Split the figure into two shapes first.)



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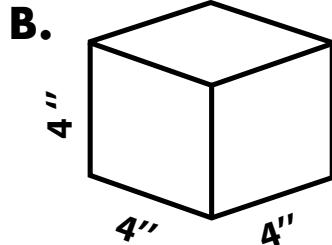
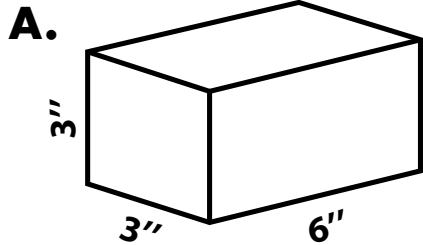
27 cm

Fold here

16 square inches

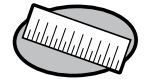
Fold here

Which figure has the greatest volume?



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Tyler's favorite TV show
starts at 7:30 p.m.
It is now 4:50 p.m.
How long does he have to wait
for his show to begin?



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B. 64 cubic inches

Fold here

2 hours and 40 minutes

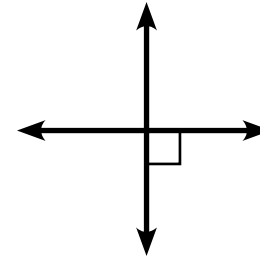
Fold here

What do you call a triangle whose sides are all different lengths?



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Are these lines parallel, perpendicular, or neither?



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scalene

Fold here

perpendicular

Fold here

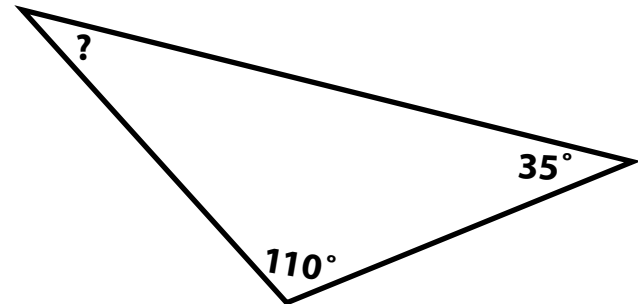
This four-sided figure has exactly one pair of parallel sides. What is its name?

- A. parallelogram
- B. square
- C. rectangle
- D. trapezoid



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What is the missing angle?



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D. trapezoid

Fold here

35 degrees

Fold here

There was $\frac{7}{16}$ of the apple pie left.

Julie then ate $\frac{3}{16}$ of the pie.

How much of the pie was left?

Give the answer in its
simplest form.



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Sherri has 12 cookies.

She puts $\frac{2}{3}$ of the cookies on a plate.

How many cookies are on the plate?



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$\frac{4}{1}$

Fold here

8 cookies

Fold here

$\frac{7}{12}$ is the answer to which problem?

$\frac{4}{12} \times \frac{3}{12}$

$\frac{2}{5} \times \frac{5}{7}$

$\frac{7}{10} \times \frac{5}{6}$

$\frac{1}{4} \times \frac{7}{8}$



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Which is not an equivalent
fraction for $\frac{12}{20}$?

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

B. $\frac{5}{10}$

C. $\frac{45}{75}$

D. $\frac{30}{50}$



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$\frac{6}{5} \times \frac{7}{10}$

Fold here

B. $\frac{5}{10}$

Fold here

100

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150

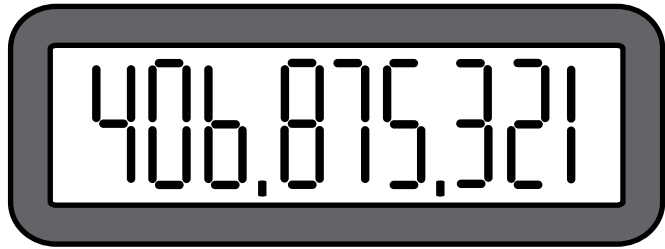
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200

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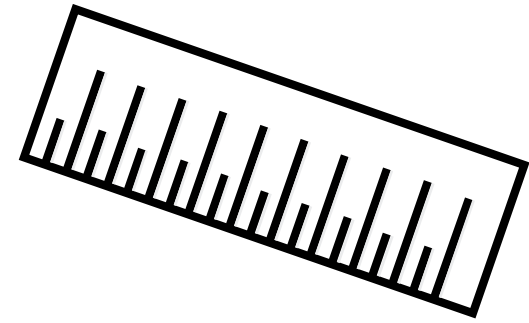
250

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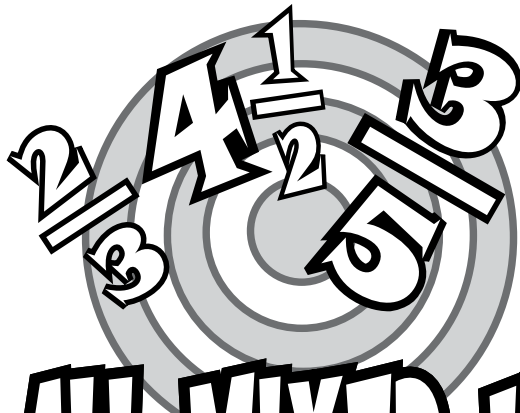
**IN THE
RIGHT PLACE**

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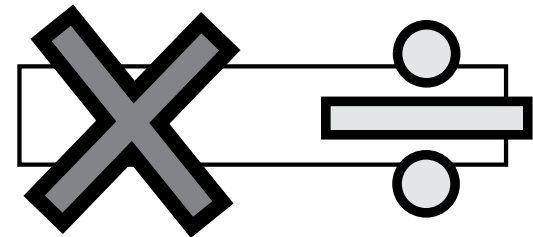
MEASURING UP

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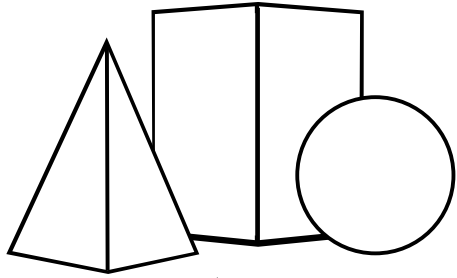
ALL MIXED UP

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**MULTIPLY AND
DIVIDE**

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DYNAMIC DIMENSIONS

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