



Monday

To get ready for a new school year, Meg bought 3 pens for \$.79 each, 2 notebooks for \$1.29 each, and 4 folders for \$.15 each. Sales tax for all of the items was \$.38. How much change will Meg get back from \$20?

Work and Solution

Explain in words how you solved the problem.

Tuesday

Angie has saved \$2.50 of her allowance every week for the past 12 weeks. If she continues saving the same amount each week, how many more weeks will it take her to save a total of \$50?

Work and Solution

Explain in words how you solved the problem.

Wednesday

Jack is holding nickels and dimes. He has 4 more dimes than nickels. He has a total of \$.70 in his hand. How many of each coin does he have?

Work and Solution

Explain in words how you solved the problem.





**Thursday**

Work and Solution

To get ready for the new school year, Mrs. James took her two children shopping. Jim selected a coat that cost \$42.78 and two pairs of jeans. His sister Jamie, found a pair of boots for \$60.58. The total cost of the items before tax was exactly \$148.

If Jim's two pairs of jeans were the same price, how much did one pair cost?

Explain in words how you solved the problem.

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**Friday**

Work and Solution

Cody is saving money for a new skateboard that costs \$77.99. He already has \$20 in his savings account. He earns \$6 for every lawn he mows. If he mows 3 lawns a weekend, how long will it take him to save enough money for the skateboard?

Explain in words how you solved the problem.

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Monday

Jenny makes and sells bracelets. She paid \$12.75 for the materials to make 45 bracelets. If she sells every bracelet for \$1.50 each, how much profit will she earn?

Work and Solution

Explain in words how you solved the problem.

Tuesday

Grant ran four days this week. He ran a total of 24.2 miles. If he ran about the same distance every time, how many miles did he run each day?

Work and Solution

Explain in words how you solved the problem.

Wednesday

At the beginning of the month, Carrie had \$245.75 in her savings account. She deposited \$50.25 each week (for 4 weeks) and withdrew \$215 once. How much did she have in her account at the end of the month?

Work and Solution

Explain in words how you solved the problem.





**Thursday**

A ride at a carnival has two types of cars for children to ride. One type has 2 seats and one has 4 seats. There are 25 cars, and they can seat a total of 70 children, how many 4-seated cars are there?

Work and Solution

Explain in words how you solved the problem.

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**Friday**

Sophie is at home, and has to go back to school for a band concert, which starts at 7:00PM. It takes her 10 minutes to get to school from her house. She has about 30 minutes of homework to do. When she finishes her homework, she will spend about 25 minutes eating dinner.

What time should she start her homework, in order to get to the school at 7:00?

Work and Solution

Explain in words how you solved the problem.

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Monday

How many 6-inch pieces could be cut out of a spool that contains 3 yards of ribbon?

Challenge: What fraction of the entire spool is one 6-inch piece?

Work and Solution

Explain in words how you solved the problem.

Tuesday

In horseshoe pitching, the two stakes are 40 feet apart. The horseshoe court itself is 48 feet long. Each stake is the same distance from the end of the court. How far is each stake from the end of the court?

Horseshoe court

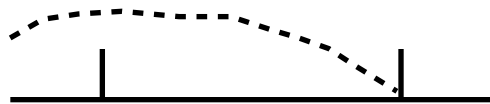


Explain in words how you solved the problem.

Wednesday

Tony stood at one end of the horseshoe court, and threw a horseshoe. It was a "ringer," which means it landed around the stake and stayed there. What fraction of the court did the horseshoe travel? Simplify your answer if possible.

Illustration



Explain in words how you solved the problem.





**Thursday**

Write the addition sentence and solution.

Nick pulled pizza out of the oven and cut it into 4 equivalent pieces. He ate two of them. His sister came in and cut one of the remaining pieces into three smaller, equivalent pieces. She ate two of the small pieces.

What fraction of the pizza did each of them eat?

What fraction of the pizza is left?

Explain in words how you solved the problem.

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**Friday**

Work and Solution

Ina says to change a fraction to a decimal divide the numerator by the denominator. Pete says divide the denominator by the numerator.

Who is correct?

Write an example to demonstrate the correct way to change a fraction to a decimal. Show your work.

Explain in words how you solved the problem.

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Monday

Work and Solution

To get ready for a new school year, Meg bought 3 pens for \$.79 each, 2 notebooks for \$1.29 each, and 4 folders for \$.15 each. Sales tax for all of the items was \$.38. How much change will Meg get back from \$20?

\$14.06

Explain in words how you solved the problem.

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Tuesday

Work and Solution

Angie has saved \$2.50 of her allowance every week for the past 12 weeks. If she continues saving the same amount each week, how many more weeks will it take her to save a total of \$50?

Saved \$30 so far

8 weeks to save \$20 more

Explain in words how you solved the problem.

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Wednesday

Work and Solution

Jack is holding nickels and dimes. He has 4 more dimes than nickels. He has a total of \$.70 in his hand. How many of each coin does he have?

6 dimes and 2 nickels

Explain in words how you solved the problem.

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Thursday

Work and Solution

To get ready for the new school year, Mrs. James took her two children shopping. Jim selected a coat that cost \$42.78 and two pairs of jeans. His sister Jamie, found a pair of boots for \$60.58. The total cost of the items before tax was exactly \$148.

Each pair \$22.32

If Jim's two pairs of jeans were the same price, how much did one pair cost?

Explain in words how you solved the problem.

Handwritten solution area with horizontal lines.

Friday

Work and Solution

Cody is saving money for a new skateboard that costs \$77.99. He already has \$20 in his savings account. He earns \$6 for every lawn he mows. If he mows 3 lawns a weekend, how long will it take him to save enough money for the skateboard?

About 4 weeks

Explain in words how you solved the problem.

Handwritten solution area with horizontal lines.







Monday

Jenny makes and sells bracelets. She paid \$12.75 for the materials to make 45 bracelets. If she sells every bracelet for \$1.50 each, how much profit will she earn?

Work and Solution

**\$54.75**

Explain in words how you solved the problem.

Tuesday

Grant ran four days this week. He ran a total of 24.2 miles. If he ran about the same distance every time, how many miles did he run each day?

Work and Solution

**About 6.1 miles**

Explain in words how you solved the problem.

Wednesday

At the beginning of the month, Carrie had \$245.75 in her savings account. She deposited \$50.25 each week (for 4 weeks) and withdrew \$215 once. How much did she have in her account at the end of the month?

Work and Solution

**\$231.75**

Explain in words how you solved the problem.





Thursday

A ride at a carnival has two types of cars for children to ride. One type has 2 seats and one has 4 seats. There are 25 cars, and they can seat a total of 70 children, how many 4-seated cars are there?

Work and Solution

There are 10 4-seaters

$$4(10) + 2(15) = 70$$

$$10 + 15 = 25$$

Explain in words how you solved the problem.

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Friday

Sophie is at home, and has to go back to school for a band concert, which starts at 7:00PM. It takes her 10 minutes to get to school from her house. She has about 30 minutes of homework to do. When she finishes her homework, she will spend about 25 minutes eating dinner.

What time should she start her homework, in order to get to the school at 7:00?

Work and Solution

5:55

Explain in words how you solved the problem.

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Monday

How many 6-inch pieces could be cut out of a spool that contains 3 yards of ribbon?

Challenge: What fraction of the entire spool is one 6-inch piece?

Work and Solution

18 pieces

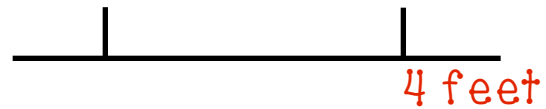
$$\frac{1}{18}$$

Explain in words how you solved the problem.

Tuesday

In horseshoe pitching, the two stakes are 40 feet apart. The horseshoe court itself is 48 feet long. Each stake is the same distance from the end of the court. How far is each stake from the end of the court?

Horseshoe court

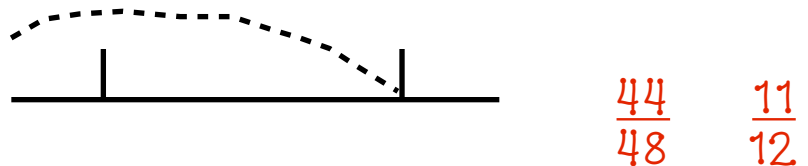


Explain in words how you solved the problem.

Wednesday

Tony stood at one end of the horseshoe court, and threw a horseshoe. It was a "ringer," which means it landed around the stake and stayed there. What fraction of the court did the horseshoe travel? Simplify your answer if possible.

Illustration



Explain in words how you solved the problem.





Thursday

Write the addition sentence and solution.

Nick pulled pizza out of the oven and cut it into 4 equivalent pieces. He ate two of them. His sister came in and cut one of the remaining pieces into three smaller, equivalent pieces. She ate two of the small pieces.

2/3 eaten  
1/3 left

What fraction of the pizza did each of them eat?

Explain in words how you solved the problem.

What fraction of the pizza is left?

Handwriting lines for explaining the solution

Friday

Work and Solution

Ina says to change a fraction to a decimal divide the numerator by the denominator. Pete says divide the denominator by the numerator.

Ina is correct

Who is correct?

Explain in words how you solved the problem.

Write an example to demonstrate the correct way to change a fraction to a decimal. Show your work.

Handwriting lines for explaining the solution




# COMPLETE SETS of Problems of the Day

## Middle School Math Problems of the Day

- Decimals
- Fractions
- Integers


**9 Weeks of Problems!!**



## Middle School Math Problems of the Day

- Ratios
- Proportions
- Percents


**9 Weeks of Problems!!**



## Middle School Math Problems of the Day

- Expressions
- Equations
- Inequalities


**10 Weeks of Problems!!**



## Middle School Math Problems of the Day

- Geometry


**8 Weeks of Problems!!**



## Middle School Math Problems of the Day


- Probability
- Statistics

**6 Weeks of Problems!!**



## Middle School Math Problems of the Day

**BUNDLE**



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