

# Math AMI

## Day6

Solve each problem.

- 1) A new building needed 14 windows. The builder had already installed 5 of them. If it takes 4 hours to install each window, how long will it take him to install the rest?
- 2) A chef needs to cook 16 potatoes. He has already cooked 7. If each potato takes 5 minutes to cook, how long will it take him to cook the rest?
- 3) Ned bought 14 boxes of chocolate candy and gave 7 to his little brother. If each box has 6 pieces inside it, how many pieces did Ned still have?
- 4) There were 11 friends playing a video game online when 5 players quit. If each player left had 5 lives, how many lives did they have total?
- 5) Henry earned 5 dollars for each lawn he mowed. If he had 12 lawns to mow, but forgot to mow 7 of them, how much money did he actually earn?
- 6) A trivia team had 5 members total, but during a game 2 members didn't show up. If each member that did show up scored 6 points, how many points were scored total?
- 7) A painter needed to paint 10 rooms in a building. Each room takes 8 hours to paint. If he already painted 8 rooms, how much longer will he take to paint the rest?
- 8) In a video game, each enemy defeated gives you 3 points. If a level has 6 enemies total and you destroy all but 2 of them, how many points would you earn?
- 9) Wendy earned 5 points for each bag of cans she recycled. If she had 11 bags, but didn't recycle 2 of them, how many points would she have earned?
- 10) Each chocolate bar in a box cost \$3. If a box had 7 bars total and Olivia sold all but 4 bars, how much money would she have made?

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

Solve each of the problems.

Answers

1)  $(70 \div 10) - 2 =$  \_\_\_\_\_

1. \_\_\_\_\_

2)  $(6 + 10) \times 6 =$  \_\_\_\_\_

2. \_\_\_\_\_

3)  $(16 - 15) \times 4 =$  \_\_\_\_\_

3. \_\_\_\_\_

4)  $(9 \times 10) \div 8 =$  \_\_\_\_\_

4. \_\_\_\_\_

5)  $(1 + 5) + 2 =$  \_\_\_\_\_

5. \_\_\_\_\_

6)  $(35 \div 7) \times 6 =$  \_\_\_\_\_

6. \_\_\_\_\_

7)  $(8 \times 9) + 4 =$  \_\_\_\_\_

7. \_\_\_\_\_

8)  $(10 \times 9) - 82 =$  \_\_\_\_\_

8. \_\_\_\_\_

9)  $(7 \times 8) \times 10 =$  \_\_\_\_\_

9. \_\_\_\_\_

10)  $(15 - 4) - 4 =$  \_\_\_\_\_

10. \_\_\_\_\_

11)  $(13 - 1) + 1 =$  \_\_\_\_\_

11. \_\_\_\_\_

12)  $(20 \div 2) + 10 =$  \_\_\_\_\_

12. \_\_\_\_\_

13)  $(40 - 4) \div 6 =$  \_\_\_\_\_

13. \_\_\_\_\_

14)  $(3 - 5) \div 2 =$  \_\_\_\_\_

14. \_\_\_\_\_

15)  $(9 - 6) - 3 =$  \_\_\_\_\_

15. \_\_\_\_\_

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

---

## Converting Between Percents, Decimals, and Fractions

### Convert Decimal to Percent

$0.235 =$

$0.285 =$

$0.08 =$

$1.35 =$

$0.88 =$

$0.81 =$

### Convert Percent to Decimal

$149 \% =$

$44 \% =$

$63.8 \% =$

$133 \% =$

$84 \% =$

$156 \% =$

### Convert Decimal to Fraction

$0.84 =$

$0.676 =$

$0.212 =$

$0.49 =$

$0.147 =$

$1.26 =$

### Convert Fraction to Decimal

$\frac{80}{50} =$

$\frac{17}{20} =$

$\frac{3}{4} =$

$\frac{19}{40} =$

$\frac{9}{20} =$

$\frac{71}{50} =$

### Convert Fraction to Percent

$\frac{41}{25} =$

$\frac{9}{40} =$

$\frac{7}{8} =$

$\frac{33}{25} =$

$\frac{24}{25} =$

$\frac{35}{20} =$

### Convert Percent to Fraction

$142 \% =$

$45.8 \% =$

$76 \% =$

$162 \% =$

$44.6 \% =$

$133 \% =$



Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

### Multiplying Mixed Numbers

1)  $3\frac{2}{3} \times 3\frac{2}{5} =$

2)  $3\frac{2}{5} \times 2\frac{3}{4} =$

3)  $2\frac{1}{2} \times 3\frac{1}{2} =$

4)  $3\frac{3}{4} \times 4\frac{2}{3} =$

5)  $2\frac{1}{5} \times 4\frac{1}{3} =$

6)  $3\frac{1}{2} \times 4\frac{7}{10} =$

7)  $2\frac{1}{5} \times 3\frac{1}{2} =$

8)  $3\frac{1}{2} \times 3\frac{3}{4} =$

9)  $4\frac{3}{5} \times 4\frac{1}{5} =$

10)  $4\frac{2}{3} \times 2\frac{7}{10} =$

Math AMI

Day 7

**Solve each problem.****Answers**

- 1) To earn some extra money Amy started selling handmade bracelets. She spent 5 dollars on supplies and began selling them for \$2 each. She sold 9 before running out of supplies. How much of what she earned was profit?
- 2) For a project, a builder purchased 7 boxes of bolts with each box containing 11 bolts. He ended up finishing the project 6 days early and with 3 bolts left over. How many bolts did he use for the project?
- 3) For the science fair Carol wanted to see how many minutes of videos she watched were ads. She watched 6 videos with each video lasting 9 minutes. After watching the videos she calculated that she had watched 3 minutes of ads over all the videos. How many minutes were not ads?
- 4) On the home screen of Olivia's tablet she had 7 rows of apps with 7 apps on each row. If she deleted 5 apps, how many would she have left on her home screen?
- 5) Tom has a job mowing lawns around his neighborhood. Each month he spends \$17 on gas and mowes 3 lawns (charging \$12 per lawn mowed). How much profit does Tom earn each month?
- 6) Cody was selling drawings for \$5 each. For every 8 drawings he sold, he had to use \$4 in art supplies to make them. How much profit would he make if he sold 8 drawings?
- 7) A chef bought 7 bags of apples for \$30. Each bag had eight apples, but he had to throw away 6 apples because they were rotten. How many good apples did the chef end up with?
- 8) At the book store they were offering a deal where you get \$3 off when you purchase 4 books. If Bianca bought 4 books and each book cost \$4, how much would her final price be?
- 9) A toy company had an order of 6 boxes to ship. Unfortunately this was 13 pounds over the shipping weight limit per order. If each box weighs 9 pounds, what is the maximum shipping weight per order?
- 10) A pet store kept their hamsters in cages with 6 per cage. For their Christmas sale they put out 6 cages and end up selling all but 9 hamsters. How many hamsters did they sell during their Christmas sale?

1.	_____
2.	_____
3.	_____
4.	_____
5.	_____
6.	_____
7.	_____
8.	_____
9.	_____
10.	_____

## Percent Word Problems

Directions: Set up a basic percent problem. Sometimes you will have to do extra steps to solve the problem. Follow rounding directions. Answers and solutions start on page 6.

- 1) A student earned a grade of 80% on a math test that had 20 problems. How many problems on this test did the student answer correctly? (round to the nearest whole number)
  
- 2) There are 36 carpenters in a crew. On a certain day, 29 were present. What percent showed up for work? (round to the nearest tenth)
  
- 3) A metal bar weighs 8.15 ounces. 93% of the bar is silver. How many ounces of silver are in the bar? (round to the nearest thousandth)
  
- 4) A woman put \$580 into a savings account for one year. The rate of interest on the account was  $6\frac{1}{2}\%$ . How much was the interest for the year in dollars and cents? (Round to the nearest cent)



- 5) A student answered 86 problems on a test correctly and received a grade 98%. How many problems were on the test, if all the problems were worth the same number of points? (Round to the nearest whole number)
- 6) Manuel found a wrecked Trans-Am that he could fix. He bought the car for 65% of the original price of \$7200. What did he pay for the car? (Round to nearest dollar)
- 7) Pamela bought an electric drill at 85% of the regular price. She paid \$32.89 for the drill. What was the regular price? (Round to the nearest cent)
- 8) A crew is made up of 8 men; the rest are women.  $66\frac{2}{3}\%$  of the crew are men. How many people are in the crew?
- 9) Ben earns \$12,800 a year. About 15% is taken out for taxes. How much is taken out for taxes?

- 10) At a sale, shirts were sold for \$15 each. This price was 80% of their original price. What was the original price?
- 11) There are 32 students in a class. Nine of those students are women. What percent are men? (round to the nearest tenth)
- 12) The Royals softball team played 75 games and won 55 of them. What percent of the games did they lose? (round to the nearest tenth)

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

---

Simplify to the Lowest Terms

1)  $\frac{4}{5} + \frac{1}{3} + \frac{1}{2} =$

2)  $\frac{1}{3} + \frac{1}{2} + \frac{1}{4} =$

3)  $\frac{1}{3} + \frac{1}{5} + \frac{1}{2} =$

4)  $\frac{9}{10} + \frac{1}{3} + \frac{1}{4} =$

5)  $\frac{2}{4} + \frac{1}{3} + \frac{1}{2} =$

6)  $\frac{1}{10} + \frac{1}{2} + \frac{1}{4} =$

7)  $\frac{1}{2} + \frac{4}{10} + \frac{1}{5} =$

8)  $\frac{3}{4} + \frac{1}{3} + \frac{1}{10} =$

9)  $\frac{2}{4} + \frac{4}{10} + \frac{1}{5} =$

10)  $\frac{1}{2} + \frac{5}{10} + \frac{1}{5} =$



Math AMI

Day 8

## Fraction Word Problems

Mary needs to order pizza for 18 students. Each student should get  $\frac{1}{4}$  of a pizza. How many pizzas should Mary order? How much pizza will be left over?

Two friends want to share 3 apples so that they each get the same amount. How much would each friend get?

Jared has one pizza that has 12 slices. He wants to share his pizza with his two brothers. How many slices will each boy have if they each have an equal amount?

Frank has 3 bags of birdseed. He wants to put the birdseed into 4 bird feeders equally. How much of the bags will go in each feeder?

Two children are sharing  $\frac{1}{2}$  of a sandwich. How much will each child get?

Ciara is making a new dance outfit. She needs  $2\frac{1}{2}$  yards of fabric for the shawl. She needs  $1\frac{3}{4}$  yards of fabric for the dress. If she has 3 yards of fabric, how much more does she need? If each yard of fabric costs \$7.98, how much money does Ciara need?

Mario was making cookies. He mixed  $2\frac{1}{2}$  cups of flour,  $1\frac{1}{4}$  cups of sugar and  $\frac{1}{2}$  cup of brown sugar together in a bowl. How many cups did he have altogether?

Becky has 5 candy bars. She wants to share them with 3 friends. How much will each friend get?

### **Multi-Step Problems**

Kim had 4 chocolate chip cookies and 3 sugar cookies. Kim's sister ate two of her chocolate chip cookies. How many cookies are left?

Becky gets \$5.00 a week for chores, and helps with chores for 4 weeks. If Becky wants to spend only half of her money, how much will she have left to save?

Becky has 4 quarters. Becky's mom gives her 3 more. Becky spends 2 of them on candy. How many quarters does Becky have left?

Travis has 13 pieces of gum that he wants to share with his 2 friends. If Travis and his friends split the gum equally, how many pieces will they each get?

Joe had 21 pennies, but then he lost 11 pennies. His friend gave him 5 more pennies. How many pennies does Joe have now?

Karlie makes \$8.00 per hour. Karlie worked 16 hours in one week. Karlie wants to purchase a bike that costs \$70.00. How much money will Karlie have after she purchases the bike?

John had \$5.00. His mom gave him \$5.00 for washing dishes. John went to the store and bought a CD for \$6.00. How much money does John have left?  
Nancy wants to sell 54 CD's to her 6 friends for \$5.00 each. How much will Nancy receive from selling her CD's? If each friend buys the same amount of CD's, how many will each friend buy?

Six kids rented go-carts at Howie's Fun Fort for the day. However, 2 go-carts ran into the wall, 1 lost a wheel on the curve, and 1 flipped over. What fraction of the kids was able to drive their carts all day?

Bobby has a 10 bubble gum sticks. He has 2 friends that he wants to share with. How will he split the gum so that each of the children will get the same amount?

Cheryl wants to make gift bags for a birthday party. Each gift bag will have 2 suckers and 3 jolly ranchers. If she wants to make 6 gift bags, how many jolly ranchers does she need to buy?

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

---

### Subtracting Mixed Numbers

1)  $8\frac{1}{2} - 1\frac{1}{3} =$

2)  $6\frac{1}{3} - 1\frac{1}{2} =$

3)  $7\frac{8}{10} - 1\frac{1}{3} =$

4)  $7\frac{4}{5} - 3\frac{1}{4} =$

5)  $9\frac{1}{2} - 2\frac{2}{3} =$

6)  $6\frac{6}{10} - 2\frac{2}{3} =$

7)  $6\frac{1}{5} - 2\frac{1}{2} =$

8)  $9\frac{1}{2} - 2\frac{2}{4} =$

9)  $8\frac{1}{2} - 4\frac{3}{5} =$

10)  $7\frac{1}{4} - 3\frac{1}{2} =$





Solve each problem.

- 1) A developer was buying land. He bought 4 acres at \$1,863 per acre. He then split the land he purchased into 9 lots. How much should he sell each lot for just to break even?
- 2) Sarah's mother had 17 small photo albums filled with 72 photos in each. In order to save some space she bought 9 larger albums with each album having 40 pages. If she wanted to put all her pictures into the large albums, with the same number of pictures in each, how many pictures should be in each album?
- 3) A contractor bought 44 boxes of nails at a price of \$1 per box. Each box contained contained 56 nails. If he distributed the nails to the 4 houses he was building and made sure each house received the same number of nails, how many nails would each house get?
- 4) An industrial machine made 9,096 cans of diet sodas and 5 times as many regular sodas over the course of 53 minutes. The regular sodas were then placed into 2 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.
- 5) A donation center had filled up 44 small bins with canned food with each bin containing 24 cans. They plan to send the cans out to 4 food banks but want to give each food bank the same number of cans. How many cans should they give to each food bank?
- 6) While playing a game Nancy defeated 5 enemies with each enemy defeated earning her 3,012 points. If she traded in all her points for 3 extra lives, how many points is it per life?
- 7) Mike and Olivia were comparing their Halloween candy. Mike received 4 times as much candy as Olivia received. Mike then split his candy evenly into 3 piles to eat later. If Olivia received 75 ounces of candy, how many ounces of candy would be in each of Mike's piles?
- 8) At the flea market Jerry found 7 buckets of LEGOs with each bucket containing 9,792 LEGO pieces. If he wanted to split the LEGO pieces into 6 piles, how many pieces should he put into each pile?

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

# Math AMI

## Day 9

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

---

### Dividing Fractions

1)  $\frac{3}{10} \div \frac{3}{4} =$

2)  $\frac{2}{3} \div \frac{1}{2} =$

3)  $\frac{2}{4} \div \frac{2}{3} =$

4)  $\frac{4}{5} \div \frac{2}{3} =$

5)  $\frac{3}{10} \div \frac{1}{4} =$

6)  $\frac{4}{5} \div \frac{1}{2} =$

7)  $\frac{1}{3} \div \frac{2}{4} =$

8)  $\frac{2}{10} \div \frac{1}{3} =$

9)  $\frac{1}{2} \div \frac{2}{4} =$

10)  $\frac{1}{3} \div \frac{1}{4} =$



Solve each problem.

Answers

- 1) A baker made 2 batches of chocolate chip cookies. Each batch had 6 cookies in it. Then he made an additional 5 oatmeal cookies just in case someone didn't want chocolate chip. How many cookies did he bake total?
- 2) At the arcade Megan had 5 tickets she saved from the last time she went. This time she played a game 6 times and earned 7 tickets each time she played. How many tickets does she have now?
- 3) It takes 3 ounces of cheese to make a burrito and 2 ounces for a taco. If you wanted 9 burritos and 1 taco how many ounces of cheese would you need?
- 4) A music teacher had 5 recorders, but she decided to buy 3 more boxes with each box having 2 recorders in it. How many recorders did she have after buying the 3 boxes?
- 5) While playing a game Cody defeated 3 enemies. Each enemy earned him 7 points. Then he got another 2 points for completing the level. How many points did he earn total?
- 6) A pet store sold 2 kittens and 1 puppy over the weekend. The kittens sold for \$9 each and the puppy sold for \$8. How much money did they earn from selling the pets?
- 7) Jerry earned 5 dollars for every lawn he mowed. If he mowed 3 lawns and he already had 9 dollars saved up, how much money does he have total?
- 8) Before lunch a waitress had already earned \$6 in tips. After lunch she had 5 customers and each customer gave her a 4 dollar tip. How much money did she earn total?
- 9) A malt shop used 4 ounces of chocolate syrup in their shakes and 7 ounces of syrup on their cones. If they sold 9 shakes and 1 cone, how many ounces of chocolate would they use total?
- 10) Roger spent \$8 on a board game and then he bought 2 action figures for \$3 each. How much money did he spend on the game and figures?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

#### Station 4: Multiply and Divide Fractions in Word Problems

**Directions:** Solve these problems in your notebooks.

Think about these questions as you solve the problems.

- Which operation is this? How do you know?
- Did I check my work?
- Did I simplify my answer?

1) A kitchen measures  $24\frac{1}{8}$  feet by  $9\frac{2}{3}$  feet. Find the area of the kitchen.

2) Students at Fallon Middle School were recently surveyed. The results reported that  $\frac{1}{4}$  of 6th graders,  $\frac{3}{10}$  of 7th graders and  $\frac{2}{7}$  of 8th graders plan a career in science or math. In which grade do the most students plan to have careers in science or math? Show your work.

Grade	Number of Students
6	152
7	160
8	147

3) A box of snack-size cracker packs weighs  $28\frac{1}{2}$  ounces. Each snack pack weighs  $4\frac{3}{4}$  ounces. How many snack packs are in the box?

## Station 5: Multiply and Divide Fractions in Word Problems

**Directions:** Solve these problems in your notebooks.

Think about these questions as you solve the problems.

- Which operation is this? How do you know?
- Did I check my work?
- Did I simplify my answer?

- 4) The bleachers at a football game are  $\frac{7}{8}$  full, and  $\frac{1}{2}$  of the fans in the bleachers are rooting for the home team. What fraction of the bleachers are filled with home-team fans?
- 5) A photograph is  $5\frac{1}{3}$  inches wide. It is being enlarged to 3 times its original size. What is the width of the enlarged photo?
- 6) Five friends want to split  $6\frac{1}{4}$  pounds of candy equally amongst themselves. How many pounds of candy will each friend get?

**Station 6: Multiply and Divide Fractions in Word Problems (Must have completed Station 4 and Station 5 first!)**

**Directions: Do NOT write on this copy. Solve these problems in your notebook.**

- 1) Ethan ordered 4 sub sandwiches for a party. Each  $\frac{1}{2}$  sandwich is one serving. Does he have enough to serve 7 friends?
  
- 2) Which of the following numbers that when divided by  $\frac{1}{2}$ , give a result less than  $\frac{1}{2}$ ?  
Show your work.  
a)  $\frac{3}{4}$                       b)  $\frac{1}{2}$                                       c)  $\frac{7}{35}$
  
- 3) Five friends want to split  $6\frac{1}{4}$  pounds of candy equally amongst themselves. How many pounds of candy will each friend get?
  
- 4) Rick has  $\frac{1}{2}$  of a foot long sub sandwich left from yesterday. He ate  $\frac{1}{3}$  of the leftover sandwich as a snack. What fraction of the entire sandwich did he eat as a snack?  
Solve using an equation AND a model.

**Station 6: Multiply and Divide Fractions in Word Problems (Must have completed Station 4 and Station 5 first!)**

**Directions: Do NOT write on this copy. Solve these problems in your notebook.**

- 1) Ethan ordered 4 sub sandwiches for a party. Each  $\frac{1}{2}$  sandwich is one serving. Does he have enough to serve 7 friends?
  
- 2) Which of the following numbers that when divided by  $\frac{1}{2}$ , give a result less than  $\frac{1}{2}$ ?  
Show your work.  
a)  $\frac{3}{4}$                       b)  $\frac{1}{2}$                                       c)  $\frac{7}{35}$
  
- 3) Five friends want to split  $6\frac{1}{4}$  pounds of candy equally amongst themselves. How many pounds of candy will each friend get?
  
- 4) Rick has  $\frac{1}{2}$  of a foot long sub sandwich left from yesterday. He ate  $\frac{1}{3}$  of the leftover sandwich as a snack. What fraction of the entire sandwich did he eat as a snack?  
Solve using an equation AND a model.

# Math AMI

## Day 10



Solve each problem.

Answers

- 1) The cafeteria had seventy-five apples. For lunch they handed out forty-seven to students and decided to use the rest to make pies. If each pie takes four apples, how many pies could they make?
- 2) Paige uploaded seventy-four pictures to Facebook. She put forty-seven pics into one album and put the rest into nine different albums. How many pictures were in each of the nine albums?
- 3) There are thirteen students trying out for the school's trivia teams. If three of them didn't get picked for the team and the rest were put into two groups, how many students would be in each group?
- 4) Gwen's team won their baseball game and scored forty-two points total. If Gwen scored eighteen of the points and everyone else scored six points each, how many players were on her team?
- 5) A store had twenty-one coloring books in stock. They ended up putting them on sale and getting rid of seven of them. They put the ones they still had onto shelves with seven on each shelf. How many shelves did they use?
- 6) Tom bought forty-eight tickets at the state fair. He spent thirty-eight tickets at the 'dunk a clown' booth and decided to use the rest on rides. If each ride cost five tickets, how many rides could he go on?
- 7) Amy had sixty-seven homework problems. She finished twenty-five of them but still had seven pages of problems to do. If each page has the same number of problems on it, how many problems are on each page?
- 8) Roger made seventy dollars mowing lawns over the summer. If he spent fourteen dollars buying new mower blades, how many seven dollar games could he buy with the money he had left?
- 9) Mike had eighty-three pieces of clothing to wash. He put forty-one of them in one load, but decided to split the rest into six equal loads. How many pieces of clothing could go in each of the small loads?
- 10) Maria baked thirteen cupcakes for her school's bake sale. If her brother, Todd, ate nine of them how many packages could she make if she put two cupcake in each package?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

Name \_\_\_\_\_

Math 7, Period 1, 2, 3, 4, 5, 6, 7

\_\_\_\_\_ Problems Wrong

\_\_\_\_\_ Points Missed

\_\_\_\_\_ Grade

AC

## All Decimal Operations with Word Problems

1) Ellen wanted to buy the following items:

- A DVD player for \$49.95
- A DVD holder for \$19.95
- Personal stereo for \$21.95

Does Ellen have enough money to buy all three items if she has \$90.

2) Melissa purchased \$39.46 in groceries at a store. The cashier gave her \$1.46 in change from a \$50 bill. How much change should the cashier have given Melissa?

3) If a 10-foot piece of electrical tape has five pieces that are each 1.25 feet cut from it, what is the new length of the tape?

4) Patricia has \$425.82 in her checking account. How much does she have in her account after she makes a deposit of \$120.75 and a withdrawal of \$185.90?



5) The mass of a jar of sugar is 1.9 kg. What is the total mass of 13 jars of sugar?

6) Carpeting costs \$9.99 a yard. If Jan buys 17.4 yards, how much will it cost her? (Round your answer to the nearest hundredth)

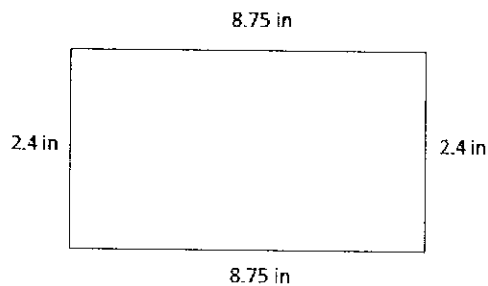
7) If your weekly salary is \$1,015.00, how much do you have left each week after you pay for the following?

- Rent - \$443.50
- Cable TV - \$23.99
- Electricity - \$45.62
- Groceries - \$124.87

8) Brad studied a total of 24.4 hours over a period of four days. On average, how many hours did Brad study each day?



9) Find the perimeter of the rectangle below.



10) Samantha paid \$26.25 for three books that all cost the same amount. What was the cost per book?

11) While at the grocery store, Mrs. Martin noticed that there were two different sized bottles of hot sauce, one was 16.9 ounces and the other 32.55 ounces. What is the difference in weight of the two bottles of hot sauce?

12) Larry paid \$11.20 for four gallons of gas. How much was each gallon of gas?

Use the table below to answer #13-15.



Item	Cost
Movie Ticket	\$8.25
Medium Popcorn	\$6.00
Medium Soda	\$4.75
Candy	\$3.50



13) Find the total cost of two Medium Sodas, two Medium Popcorns, and two Movie tickets.

14) If Marty spent \$66 on Movie tickets, how many tickets did he buy?

15) Find the total cost of four bags of candy and two movie tickets.

16) Leon bought a dozen daisies for \$3.75. Which is the closest to the amount Leon paid for each daisy?

- A. \$0.25
- B. \$ 0.29
- C. \$0.31
- D. \$0.38

17) Dolores bought 15 party hats priced at \$0.75 each and 15 noisemakers priced at \$1.25 each. How much did Dolores spend in all?

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

---

### Dividing Mixed Numbers

1)  $4\frac{1}{2} \div 3\frac{1}{2} =$

2)  $4\frac{3}{5} \div 3\frac{1}{2} =$

3)  $2\frac{1}{2} \div 4\frac{2}{3} =$

4)  $2\frac{2}{3} \div 4\frac{1}{2} =$

5)  $4\frac{1}{2} \div 3\frac{3}{5} =$

6)  $2\frac{1}{5} \div 3\frac{1}{2} =$

7)  $4\frac{3}{5} \div 2\frac{1}{3} =$

8)  $4\frac{1}{3} \div 3\frac{1}{2} =$

9)  $2\frac{3}{5} \div 2\frac{1}{4} =$

10)  $4\frac{1}{4} \div 2\frac{1}{3} =$



Name \_\_\_\_\_

Date \_\_\_\_\_

## A NATION DIVIDED

Sadie let the door slam behind her as she came in.

“Hi,” Mom called from the kitchen. “How was your day?”

“It was okay,” replied Sadie. “As good as school gets, I guess.”

“What’s the long face for?” asked Mom. “You look as though you just heard an announcement that all the birthdays have been cancelled.”

“It’s worse than that,” said Sadie. “We are learning about the Korean War in social studies, and it sounds a lot like the Vietnam War going on now.”

“In what way?” inquired Mom.

“In the way that a lot of people are dying and it is scary! I’m not sure if our own government knows what is going on. It’s all confusing.”

“War is indeed confusing,” reassured Mom, but her words didn’t seem to help much.

“The two wars both involve a country that is split in two. Can you imagine our country being divided in half?”

“Well, if you want to talk about countries divided, what about the Civil War?” said Mom posing the question.

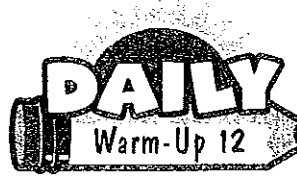
“My point exactly!” said Sadie. “Look at the carnage that the Civil War produced! If we are using former wars as the predictor, is the Vietnam War going to end up like the Korean War? How many people have to die for no reason at all?”

“To hear you talk, it sounds like you have a good understanding of what being at war means,” commented Mom.

“It doesn’t take much for a seventh grader to see that the war protesters in Washington might have a good point,” added Sadie.

### STORY QUESTIONS

- What is meant by the word *carnage* as used in the passage?
  - rumors
  - agreement
  - dispute
  - bloodshed
- What can you conclude about Sadie’s understanding of history?
  - She is not very enlightened to historical facts.
  - She is more interested in her free time than what is taking place in the world.
  - She is frustrated by the lack of information she has.
  - Sadie seems to make it a point to learn about current events, as well as historical events.
- Which sentence helps you answer the previous question?
  - “In the way that a lot of people are dying and it is scary!”
  - “I’m not sure if our own government knows what is going on.”
  - “If we are using former wars as the predictor, is the Vietnam War going to end up like the Korean War?”



Name \_\_\_\_\_

Date \_\_\_\_\_

## TIMBER!

“Timber!” screamed Ben. “Look out below!”

“Ben, you only say that when a tree is actually falling,” said Felicity disgustedly.

“I’m just practicing,” said Ben smiling. “Besides, I think it will bring me some luck.”

“Relax,” said Dad. “Let your brother have some fun. Today is a day to finally relax. We’ve been working so hard on clearing the land. It’s about time we enjoy the beauty of our land.”

Felicity lifted her skirts and kept walking. She knew her dad was right. She knew it was time to relax, but she couldn’t get her mind off of her home—her last home, that is. Since her family had moved, she couldn’t get her mind off of Boston. After all, she reasoned, she was a city girl.

Felicity’s family had taken the train as far as it would go. From there, they purchased a wagon and supplies. They traveled incessantly for days on end. The further they traveled, the dirtier they got. Felicity felt like she belonged in a pigpen. Her dad had never run a team of mules before, so it was crazy at the beginning. One could hardly say this family was fit to tame the wilds of the west, but try as she might, Felicity couldn’t convince her dad of that.

Felicity could barely stand the thought of taking another bath with freezing water. She missed the luxuries of city life. And now this! They were chopping down their own Christmas tree.

### STORY QUESTIONS

1. Which of the following could be used to describe Felicity?
  - a. angry
  - b. easily provoked
  - c. lonely
  - d. intelligent
  
2. What would be a good title for this story?
  - a. “First Settlers”
  - b. “Settling the West”
  - c. “Felicity’s New Life”
  - d. “Felicity’s Thorn”
  
3. What is another word for *incessantly* as used in this story?
  - a. continuously
  - b. purposefully
  - c. questioningly
  - d. halfheartedly



Name \_\_\_\_\_ Date \_\_\_\_\_

## THE FEMALE AVIATOR

"Tell me again what she looked like," asked Mary.

Mary dangled her feet from the wicker furniture. The day was hot and steamy. Sweat beads were forming on Mary's forehead. She put her glass of lemonade to her forehead and looked at her aunt.

"Oh, Mary, aren't you tired of hearing about that?" asked her Aunt Mini.

"How on Earth could I ever tire of such a story?" replied Mary.

"Because it's the same story over and over, and it doesn't change," replied Aunt Mini.

Aunt Mini was home visiting for the summer. She was a professor at an all girls' college in the East. Mary loved it when she came home. Mary lived with her grandmother and her dad. Aunt Mini was like a breath of fresh air. She brought excitement to the farm.

"Yes, but it's your story," explained Mary. "You know somebody famous!"

"*Knew* somebody famous," reminded Aunt Mini. "I only knew her for a short time. In fact, only one semester."

"Yes, but she was the one and only Amelia Earhart," beamed Mary.

"That's right, she was," said Aunt Mini quietly. "What a tragedy."

"Was she good in school? When did she learn to fly?"

"She learned to fly at a flying school near college. She was fascinated with flying, and with every chance she got, she'd be at the flying school taking lessons. She spent more time doing that than studying."

"She must have been a natural," said Mary.



### STORY QUESTIONS

- Using the context clues, what is the meaning of the word *beamed* as used in the passage?
  - smiled
  - opened
  - arranged
  - organized
- According to the passage, which sentence shows how Mary feels about Amelia Earhart?
  - "Was she good in school? When did she learn to fly?"
  - "Yes, but it's your story," explained Mary. "You know somebody famous!"
  - Aunt Mini was like a breath of fresh air. She brought excitement to the farm.
  - "How on earth could I ever tire of such a story?" replied Mary.
- What is the purpose of the first sentence?
  - to introduce the first character in the story
  - to explain the problem and resolution in the story
  - to provide the background and the setting of the story
  - none of the above





Name \_\_\_\_\_ Date \_\_\_\_\_

## YOU'VE GOT MAIL

Catherine opened the telegram as slowly as she could for fear of ripping it. Her trembling hands stopped short of opening it completely. The glue held fast on the corner. What if the letter bore bad news? What would she do? Catherine didn't think she could handle the disappointment. It had been a busy quarter with all of the papers and readings to do, but this letter and its contents were never far from her mind. She was exhausted both physically and mentally.

"Open it!" gushed Theresa. She couldn't handle the intensity. This letter would contain all the details of Catherine's future life. Would she move? Would she stay? What would happen?

"Oh, Theresa, it could all be over now. I'm just not sure I'm ready to accept that," said Catherine.

"The deal is already done," she explained. "Your life's course is already decided. You just don't know the details. Open it! Please! I'm begging you!" urged Theresa.

Catherine opened up the last bit of the telegram.

"Dear Miss Butler . . ." read Catherine.

"It sounds official!" exclaimed Theresa.

"We regret to inform you that the position of the school master in Frankfurt has been filled . . ." continued Catherine.

"Oh, dear," moaned Theresa, a lump forming in her throat.

"However . . ." Catherine interrupted. "We would like to offer you the school master position here at the school in Heatherby!"

"You got the position?" asked Theresa incredulously.

"Yes," sighed Catherine, as she smoothed her skirts. "Say hello to the new school master."

### STORY QUESTIONS

1. Which sentence does not hint at the time period in which the story was written?
  - a. Catherine opened the telegram as slowly as she could for fear of ripping it.
  - b. "We regret to inform you that the position of the school master in Frankfurt has been filled . . ." continued Catherine.
  - c. "Yes," sighed Catherine, as she smoothed her skirts.
  - d. "Oh Theresa, it could all be over now. I'm just not sure I'm ready to accept that," said Catherine.
2. What conclusions can be drawn about how Theresa feels about Catherine?
  - a. She doesn't know very much about her.
  - b. She is unsure whether she is excited for Catherine or not.
  - c. She is hoping that Catherine will have to move for the new position.
  - d. She really likes Catherine and hopes that she can stay.
3. What is the meaning of the word *incredulously* as used in the passage?
  - a. amazingly
  - b. skeptically
  - c. ignorantly



Name \_\_\_\_\_ Date \_\_\_\_\_

## RUN FOR YOUR LIFE

The rain was coming down so hard that Tilly felt like she was going to drown. She was slopping through the mud and could feel her shoes sticking each time. She didn't have a coat, so she was beginning to shake uncontrollably. The blanket she had grabbed to wear was torn and ragged. It wasn't good for much.

Every muscle in Tilly's body ached with exhaustion. She had been on the road running for days now. She wasn't sure exactly how many days she had been gone because all of her running was done at night under the light of the moon. But tonight there was no moon: only the clouds that blocked the moonlight and her feeling of freedom. As long as the moon was in the sky, Tilly felt like she was safe and everything would be okay.

It all started when a new slave showed up on the plantation. She was assigned to work in the shed just outside the barn. But this new slave had also brought a plan—a plan for an escape. She was careful whom she shared the plan with, as it was dangerous to let too many people know. Tilly had listened to the plan, and she and her sister were resolute about going.

The escape route was dangerous and filled with fear. At any minute, a slave could be caught and returned to his or her owner to face the severe consequences of trying to run away.

### STORY QUESTIONS

1. Using the context clues, what does the word *resolute* mean as used in this passage?
  - a. determined
  - b. intensified
  - c. interrogated
  - d. chided
2. What is the main idea of the last paragraph?
  - a. to explain whether or not Tilly should trust the new slave
  - b. to explain the dangers involved with the escape plan
  - c. to explain the climax of the story
  - d. to explain the resolution of the story
3. What is the name of the escape route that Tilly will take to escape?
  - a. The Freedom Train
  - b. The Liberty Bell
  - c. The Underground Railroad
  - d. none of the above

Name \_\_\_\_\_

Day 1

# Categories

nouns

Nouns are words that name people, places, things, or ideas.

**Underline the nouns in the sentences. Write each noun in the correct category below.**

Norman vacations on a peninsula in Maine.

Kangaroos live in Australia.

The crowd clapped and cheered.

Carma studied flowering plant pollen.

Those mittens belong to Melanie.

Elle, Neil, and Miss Kent went to the tennis courts.

The bird in that cage belongs to Iris.

Their family went to Oregon.

The rabbit left tracks in the snow in our yard.

The cafeteria in our school is great.



People: \_\_\_\_\_

Places: \_\_\_\_\_

Things: \_\_\_\_\_

## Review Work

Draw an X next to each proper noun that names a person. Draw a triangle above each proper noun that names a place.

## Draft Book

Make lists of people you know, places you have been, and things that interest you. Write 10 nouns for each list. Use these nouns in future writing assignments.

\* On the back of this sheet.

# Action

## action verbs

An action verb is a word that tells what someone or something is doing.

**example:** The boy **swims** at the beach.

### Circle each verb.

A jar of fireflies provides nearly enough light to read by.

Scientists used a spectrometer to learn more about solar light.

Fluffy scrambled eggs melt in your mouth.

Tolan filled the colander with apples.

Silkworms spin cocoons of silk thread.

Water condenses on icy glasses in the summer.

Rita tumbled down the sand dune.

Adele and I designed a cultural outfit.

George swings the golf club.

The cat claws the furniture.

Nellie calculates the total.

Butterflies flutter from one flower to another.

Danielle shivers without her coat and hat.

The table-tennis ball bounced across the table.

Sal and Marshall snorkel in the bay.



### Review Work

Write an *N* above each neuter noun.

### Draft Book

Find a page of writing in your Draft Book with the nouns underlined with yellow. Underline the verbs with blue.

# Choose the Verb

## noun and verb agreement

A singular noun uses a verb with an *s* at the end. A plural noun uses a verb that does not have an *s* at the end.

**examples:** The **boy** **climbs** the tree.  
The **boys** **climb** the tree.

A verb uses the same rules as a noun when adding *s* or *es*.

Usually, add an *s* to a verb: run + *s* = runs

If a verb ends in *sh*, *s*, *z*, *ch*, or *x*, add *es*: pitch + *es* = pitches

If a verb ends in a consonant + *y*, change *y* to *i* and add *es*: try - *y* + *i* + *es* = tries

If a verb ends in a vowel + *y*, add *s*: enjoy + *s* = enjoys

### Circle the correct verbs.

Blair (stare, stares) at the massive mess in her room.

Jade and I (catch, catches) outfield balls.

Students (choose, chooses) which vegetables to eat.

Numerous plants (thrive, thrives) in the rain forest.

People (access, accesses) the Internet.

Not many minnows (survive, survives) to become adult fish.

Darryl (complain, complains) about mowing the lawn.

Squirrels (flee, flees) when my sister opens the sliding door.

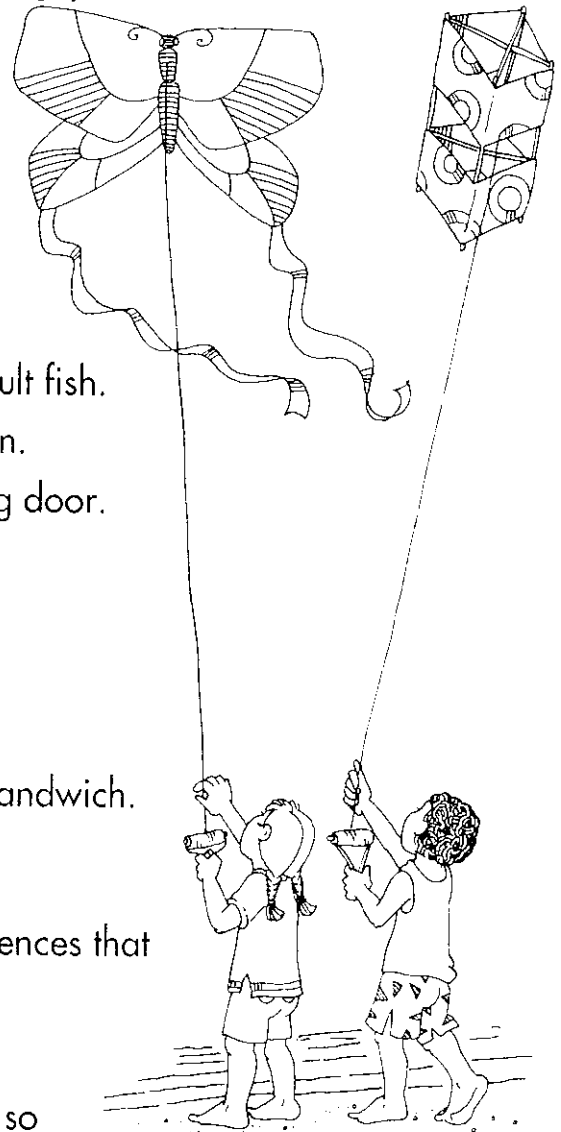
Santos (invite, invites) his friends to a sleepover.

Juan and Doug (agree, agrees) on the answer.

Our kites (fly, flies) through the air at the beach.

Mother (half, halves) the candy bar for us to share.

Kara (spread, spreads) jelly onto the peanut butter sandwich.



### Review Work

Draw an X above each proper noun in the sentences that names a person.

### Draft Book

Choose five of the sentences. Rewrite each one so that the first noun is the opposite (singular or plural) of what it is now. Rewrite the verb to agree with the new subject.

# ▶ Regular Describers ◀ **adjectives**

Adjectives are words that describe nouns. Adjectives tell what kind, how many, or which one. They can include number, color, size, shape, or other detail words.

**examples:** The **dirty** puppy needs a bath. The **public** library is closed today.  
A sentence can have more than one adjective.

**example:** **Four, gray** bugs are in the **small** garden.

**Circle the adjectives. Draw an arrow from each adjective to the noun it describes.**

A wood-handled shovel leaned against the old, red wheelbarrow.

The filthy refrigerator needed to be scoured.

I have mint gum in my top drawer.

The new purple pen is leaking ink.

Five colorful birds swooped through the warm air.

A tired Pete found muddy footprints on the clean floor.

A riderless skateboard zoomed down the steep hill.

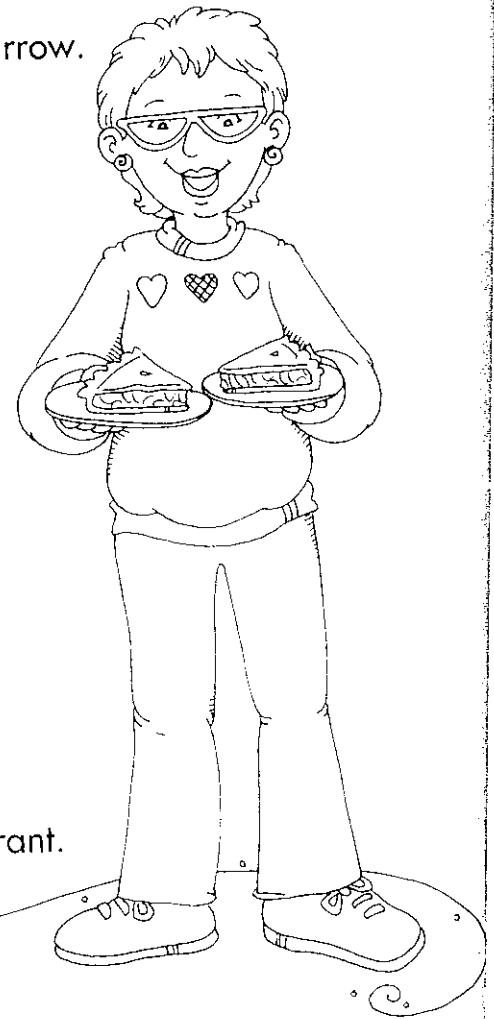
Alicia jumped into the cool pool water.

The itchy bumps were not bug bites.

The glowing coals were ready to cook the raw hamburger.

Grandma gave us cherry pie with vanilla ice cream.

An uncooperative child threw an enormous fit in the restaurant.



## **Review Work**

Underline the simple predicates twice.

## **Draft Book**

Write 10 sentences that have adjectives in them. Circle each adjective.  
Draw an arrow from the adjective to the noun it describes.

\* Of the best of his sweet

Name \_\_\_\_\_

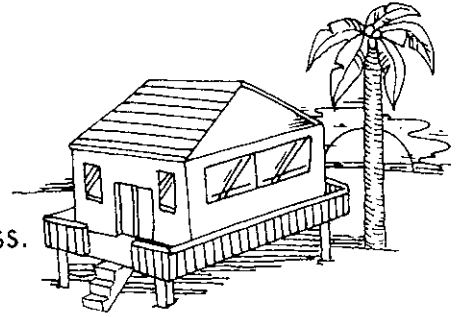
# **We Sound the Same** **homophones**

Homophones are words that sound alike but are spelled differently and have different meanings.

**Write the correct homophone on each line.**

**its:** possessive pronoun     **it's:** contraction for it is  
\_\_\_\_\_ too late to go to the movie now.

The cottage has \_\_\_\_\_ own beach access.  
\_\_\_\_\_ top is scratched.



Erica believes \_\_\_\_\_ too icy to drive to the library.

**there:** location word     **their:** possessive pronoun     **they're:** contraction for they are  
\_\_\_\_\_ house is on the cul-de-sac at the end of the street.

\_\_\_\_\_ lots of fun to play games with.

Marcus and Cody went \_\_\_\_\_ for a cookout.

Riley really likes \_\_\_\_\_ llamas.

At the ice-cream shop, \_\_\_\_\_ having a two-for-one special today.

Tamika will rest \_\_\_\_\_ before biking the last six miles.

**your:** possessive pronoun     **you're:** contraction for you are  
\_\_\_\_\_ visiting the zoo with us this Wednesday.

Do you like \_\_\_\_\_ new hot tub?

I'm sorry \_\_\_\_\_ not able to come to the cookout.

**whose:** interrogative pronoun     **who's:** contraction for who is  
\_\_\_\_\_ were you planning to paint first?

There is no name on this paper; \_\_\_\_\_ is it?

The store wants to hire the student \_\_\_\_\_ the most reliable.

## **Review Work**

Underline the nouns with yellow.

## **Draft Book**

Write three sentences for each homophone on this page.

*\* on the back of this sheet*