



Fill in the circle next to the correct answer. If possible, simplify each fraction.

1. $\frac{1}{2} \times \frac{1}{3} =$ _____

- (A) $\frac{1}{6}$ (C) $\frac{2}{5}$
(B) $\frac{1}{2}$ (D) $\frac{1}{3}$

2. $\frac{3}{5} \times \frac{2}{3} =$ _____

- (A) $1\frac{1}{5}$ (C) $1\frac{4}{15}$
(B) $\frac{2}{5}$ (D) $2\frac{1}{2}$

3. $\frac{1}{2} \div \frac{1}{2} =$ _____

- (A) $\frac{1}{2}$ (C) 1
(B) 2 (D) $\frac{2}{5}$

4. $\frac{2}{3} \div \frac{2}{5} =$ _____

- (A) $\frac{4}{15}$ (C) $1\frac{5}{6}$
(B) $1\frac{2}{3}$ (D) $\frac{3}{5}$

5. $0.2 \times 3.0 =$ _____

- (A) 6.0 (C) 0.06
(B) 0.6 (D) 0.23

6. $5.0 \times 0.4 =$ _____

- (A) 0.2 (C) 0.05
(B) 2.0 (D) 0.02

7. $2.0 \overline{)0.8}$

- (A) 4.0 (C) 40.0
(B) 0.04 (D) 0.4

8. $0.3 \overline{)9.0}$

- (A) 3.0 (C) 30.0
(B) 300.0 (D) 0.3

9. What does GCF stand for?

- (A) Greatest Continuous Figure
(B) Geometric Circular Figure
(C) General Combination Factor
(D) Greatest Common Factor

10. What is the GCF of 3 and 6?

- (A) 1 (C) 18
(B) 3 (D) 6

11. What is the GCF of 8 and 12?

- (A) 8 (C) 4
(B) 2 (D) 24

Use the following four figures to answer number 12.

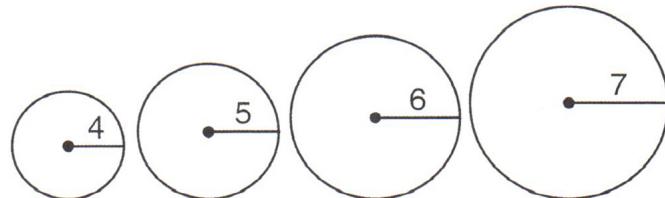


Figure A Figure B

Figure C Figure D

12. Which figure has a circumference of 31.4?

- (A) Figure A (C) Figure C
(B) Figure B (D) Figure D

Skills:

Problem Solving with Measurement, Decimals, and Fractions

Lemonade Stand

Mark and Marta set up a lemonade stand at the neighborhood yard sale. They wanted to earn enough money to go to the movies with their friends. Their parents agreed to furnish the ice they would need, but the twins had to buy everything else.

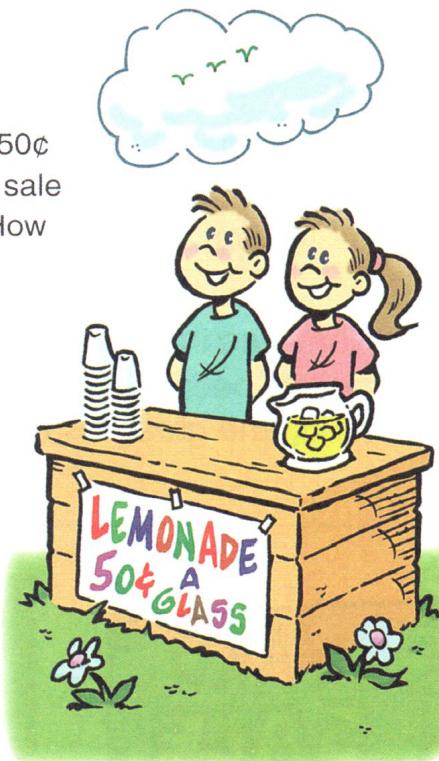
1. The twins bought 12 cans of frozen lemonade that cost 99¢ a can. They also bought a package of 50 plastic cups that cost \$2.99. How much money did they spend at the market?

2. Each can of frozen lemonade makes 4 cups (1 quart) of lemonade. How many cups of lemonade will they be able to make with the 12 cans they bought?

3. Mark and Marta sold 36 glasses of lemonade at 50¢ a cup. Then they put the remaining lemonade on sale at $\frac{1}{2}$ price. They sold 9 cups at the sale price. How much money did they collect in all?

4. How much profit did the twins make?

5. It costs \$2.50 for a ticket to the movies. Did the twins make enough profit to pay for their movie tickets? Explain your answer.



Count the Money

The Galloway family recorded the amount of money that was collected at their garage sale.

| Person | Amount of Money Collected |
|--------|------------------------------|
| Nancy | 45¢, \$1, 75¢, \$1.25 |
| John | \$2, \$2, \$1.50, 25¢ |
| Susan | \$5 |
| Scott | \$3, \$1.75, 30¢ |
| Judy | 90¢, 35¢, 75¢, 25¢, 10¢, 75¢ |

1. How much money did each family member make at the yard sale?

Nancy _____

Scott _____

John _____

Judy _____

Susan _____

2. What was the average amount of money that the five people in the Galloway family collected during the garage sale?
-



Remember:

To find the **average**, add up the list of numbers and divide the sum by the number of items on the list.

For example,

2, 5, 9, 12

- The sum of the four numbers is 28.
- $28 \div 4 = 7$
- The average of the four numbers is 7.

Skills:

Computing with Sums of Money

Using Data from a Chart

Calculating an Average Amount

Yard Sale

Skills:Solving One-
and Two-Step
Word ProblemsUsing Decimal
PointsCalculating
Elapsed Time

Neighborhood Yard Sale

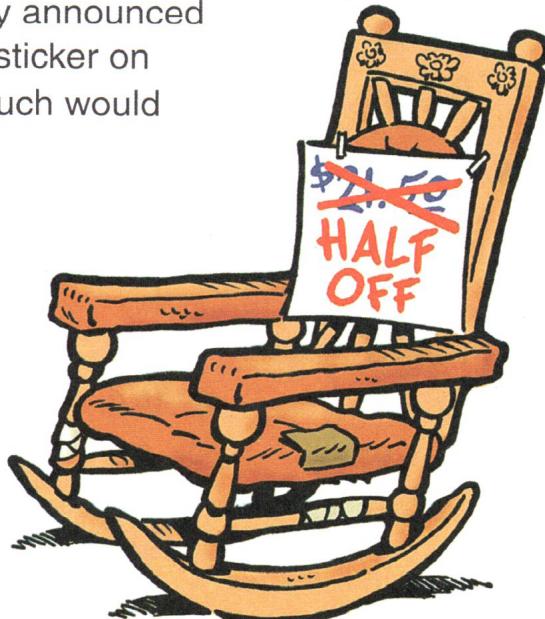
Solve these problems:

1. Ten families decided to have a neighborhood yard sale. They put an ad in the newspaper announcing that the sale would begin at 8:30 A.M. and end at 6:00 P.M. How long would the yard sale last?
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2. Alex picked out a kite for \$1.75, a ball for \$0.59, and a bat for \$2.25. If he paid with a ten-dollar bill, how much change would he receive?
-

3. What is the fewest number of bills and coins that Alex could receive as change? List them.
-
-

4. At the end of the day, the Lee family announced that all items were half price. If the sticker on a rocking chair read \$21.50, how much would it sell for?
-



Work Schedule

Complete the chart to show how long each person worked at the yard sale.

Skills:

Calculating
Elapsed Time

Computing
Differences

| | Person | Starting Time | Ending Time | Time Worked (in hours and minutes) |
|----|----------|---------------|-------------|---------------------------------------|
| 1. | Alex | 7:07 A.M. | 10:45 A.M. | _____ |
| 2. | Mei Ling | 10:17 A.M. | 1:55 P.M. | _____ |
| 3. | Nancy | 8:13 A.M. | 12:41 P.M. | _____ |
| 4. | Ramon | 12:10 P.M. | 5:28 P.M. | _____ |
| 5. | Jamal | 9:03 A.M. | 12:03 P.M. | _____ |
| 6. | Matt | 7:53 A.M. | 11:31 A.M. | _____ |
| 7. | Kay | 3:25 P.M. | 6:43 P.M. | _____ |
| 8. | Winston | 9:27 A.M. | 5:27 P.M. | _____ |

9. What is the difference between the longest time worked and the shortest time worked?
-

Yard Sale

Skills:

Solve Multi-step Word Problems

Add, Subtract, and Multiply Amounts of Money



Making Change

Calculate what each person spent and the amount of change each received back.

1. Receipt

| | |
|-----------|--------|
| | \$1.50 |
| | \$0.25 |
| | \$1.00 |
| | \$0.50 |
| Total | _____ |
| Paid With | \$5.00 |
| Change | _____ |

2. Receipt

| | |
|---------------------------|---------|
| 3 items at \$2.00 each | _____ |
| 4 items at \$1.00 each | _____ |
| 2 items at \$0.50 each | _____ |
| Total | _____ |
| Paid With | \$20.00 |
| Change | _____ |

3. Receipt

| | |
|-----------|--------|
| \$0.10 | |
| \$0.50 | |
| \$0.25 | |
| \$1.00 | |
| \$0.50 | |
| Total | _____ |
| Paid With | \$3.00 |
| Change | _____ |

4. Receipt

| | |
|-----------|---------|
| | \$2.00 |
| | \$1.50 |
| | \$1.00 |
| | \$0.50 |
| | \$0.25 |
| Total | _____ |
| Paid With | \$10.00 |
| Change | _____ |

5. Receipt

| | |
|-----------|---------|
| | \$27.00 |
| | \$4.50 |
| | \$0.75 |
| | \$1.00 |
| | \$2.25 |
| Total | _____ |
| Paid With | \$40.00 |
| Change | _____ |

6. Receipt

| | |
|----------------------------|---------|
| 12 items at \$1.00 each | _____ |
| 3 items at \$2.00 each | _____ |
| 1 item at \$0.75 | _____ |
| 2 items at \$0.50 each | _____ |
| Total | _____ |
| Paid With | \$20.00 |
| Change | _____ |