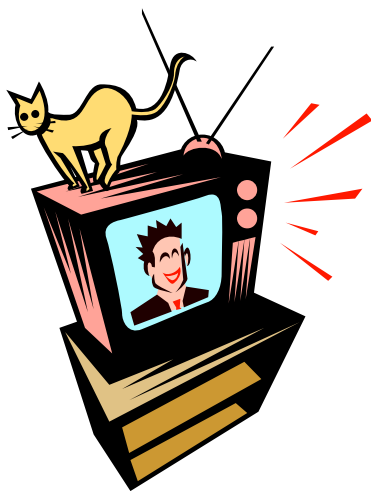


Fraction Action

One week Joe watched TV for $5\frac{1}{4}$ hours and Amy watched TV for $4\frac{5}{6}$ hours. How much longer did Joe watch TV than Amy?



(1.04)



Probability Pizzazz

Amy tossed a pair of fair dice 150 times, and recorded the product of the numbers each time. Twenty of the trials produced a product that was an odd number. Are these results unusual? Explain.

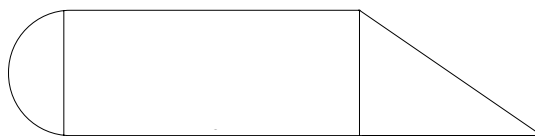


(4.04)



Measurement Gems

The plan below is for a flower garden. The center rectangle has a base of 18 feet and a height of 8 feet. The base of the triangle is 12 feet. The rounded area is a semicircle. Find the area of the garden.

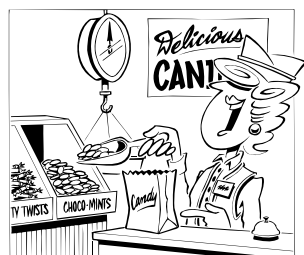


(2.02)

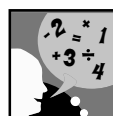


Solve This!

In a candy sale, Marie sold \$43.75 worth of candy. Tom sold as much as Marie and Ann together. Susan sold three times as much as Tom. Bill sold \$250 worth which was \$52 more than Susan. How much did Ann sell?



(1.07)



Mathematically Speaking

A circular spinner for a gameboard has three colors.

One-fourth is colored green; $\frac{2}{3}$ is red; and the rest is blue. Draw and shade this spinner. How did you decide how much to color for each section?

(1.04)



Keeping Skills Sharp

1. Add five million, six hundred seventy-two thousand, four hundred ninety-two and four million, nine hundred thousand, eighty-six.
2. Find the difference between $3\frac{2}{3}$ and $1\frac{7}{8}$.
3. The bill for your lunch was \$6.92. How much should you give the cashier if you want a dime in change?
4. A farmer has 180 eggs to put in packages of one dozen. How many dozen does he have?
5. How many inches tall is a $4\frac{3}{4}$ foot fence post?
6. What is the area of the front surface of a door if the door measures 7 feet by 3 feet and there is a 1 foot by 1 foot window in the middle?
7. Write in scientific notation: 5,697,000,000
8. Simplify: $9 \div 3 + 4 - 3 + 8 \times 2$
9. The letters in the word MISSISSIPPI were put in a bag. What is the probability of drawing out a vowel?
10. What is the 20th term in this sequence?
ABCAABBCCAAA ...

Write answers here:

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



Mental Math

Directions to Students:

Write your answers as the questions are called out. Each question will be repeated only once.

1

6

2

7

3

8

4

9

5

10

Answer Key

Grade 6

WEEK
35

Fraction Action

25 minutes

Solve This!

Ann sold \$22.25 worth of candy

Measurement Gems

The rectangle has an area equal to 144 square feet.

The triangle has an area equal to 48 square feet.

The semi-circle has an area equal to about 12.6 square feet.

The total area equals 204.6 square feet.

Mathematically Speaking

Answers will vary. Most students will divide the spinner in twelve equal sections to solve this problem. One-twelfth of the spinner is blue.

Probability Pizzazz

Yes, explanations will vary.

Keeping Skills Sharp

- 10,572,578
- $1\frac{19}{24}$
- \$7.02
- 15
- 57 inches
- 20 feet²
- 5.697×10^9
- 20
- $\frac{4}{11}$
- A

Mental Math

This section provides an opportunity for sharpening students' mental computation.

1. What is 5% of 80?
2. $400 - 99$
3. 3 gallons = ___ quarts
4. $\frac{1}{4} + \frac{1}{2} + \frac{1}{3}$
5. $4\frac{1}{4} + \underline{\quad} = 5$
6. $7 \times 4\frac{1}{7}$
7. Write $1\frac{1}{2}$ as a decimal.
8. What percent is 4 out of 5?
9. Write the next 3 multiples of 14: 14, 28, 42, ____, ____, ____.
10. $29\frac{1}{2} + 3\frac{3}{4}$

Mental Math

1. 4
2. 301
3. 12
4. $1\frac{1}{12}$
5. $\frac{3}{4}$
6. 29
7. 1.5
8. 80%
9. 56, 70, 84
10. $33\frac{1}{4}$