

Grade 4 Math Word Problems Worksheet

Read and answer each question. Show your work!

Mixed Multiplication and Division Word Problems #2 (Rates)

1. A chocolate chip cookie recipe calls for 2 cups of chocolate chips. You want to make 23 recipes for a bake sale. How many cups of chocolate chips will be needed to make all the cookie recipes?
2. I have a pet golden retriever. Each year he gains 11 pounds. He is 8 years old. How many pounds does he weigh?
3. John can run one block in 30 seconds. How far can he run in 5 minutes?
4. A cheetah can run 12 feet in 1 second. How far can he run in 1 minute?
5. Mary's car gets 20 miles per gallon of gas. How far can she drive on 14 gallons of gas?

6. I walked 2 miles in 1 hour for Relay for Life. If I maintained this pace for the 8 hours I walk, how many miles total will I walk?

7. I walk 1 mile every 15 minutes. I walked 3 miles. How many minutes did it take me to walk 3 miles?

Answers

1. $23 \times 2 = 46$
46 cups will be needed.
2. $11 \times 8 = 88$
He weighs 88 pounds.
3. $5 \text{ minutes} \times 60 \text{ seconds} = 300 \text{ seconds total}$. $300 \div 30 = 10$
He can run 10 blocks.
4. $1 \text{ minute} \times 60 \text{ seconds} = 60 \text{ seconds total}$. $60 \times 12 = 720$
He can run 720 feet.
5. $20 \times 14 = 280$
She can drive 280 miles.
6. $2 \times 8 = 16$
You will walk 16 miles.
7. $3 \times 15 = 45$
It took you 45 minutes.