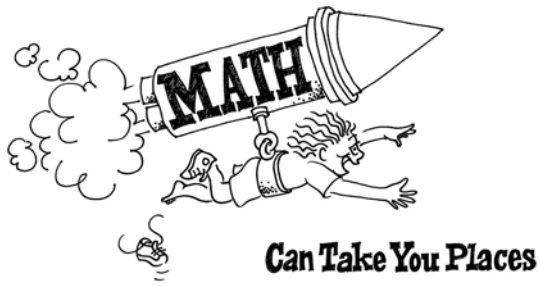


Problem Solving PRACTICE QUESTIONS Set #1/Grade 4

1. Mateo has \$120.00 to buy school clothes. Using the price list, which of the following combinations of clothes can he purchase? He must choose at least one of each item.

Toro Mart
Shirts \$20.00
Blue Jeans \$25.00
Shoes \$30.00

- A. 3 Shirts, 1 pair of jeans, 2 pairs of shoes
B. 2 Shirts, 2 pairs of jeans, 2 pairs of shoes
C. 2 Shirts, 2 pairs of jeans, 1 pair of shoes
D. 3 Shirts, 2 pairs of jeans, 2 pairs of shoes
2. Jasmine has \$32.00 in her piggy bank. She is given a weekly allowance. She puts half of that into her piggy bank each week. What information is needed to determine the amount of money Jasmine will have in her piggy bank in twelve weeks?
- A. The cost of the piggy bank
B. The amount of her allowance
C. The amount of the item she is saving for
D. Which day of the week she receives her allowance
3. Alma's dad drives to work every Monday through Friday. Alma and her father live 32 miles from his job. Which equation shows how to determine the total miles he will drive to work in one week?
- A. Total miles = 32 miles + 32 miles + 32 miles + 32 miles + 32 miles
B. Total miles = 32 miles \times 5 days
C. Total miles = 32 miles $-$ 5 days
D. Total miles = 5 days \times 2 trips per day \times 32 miles per trip

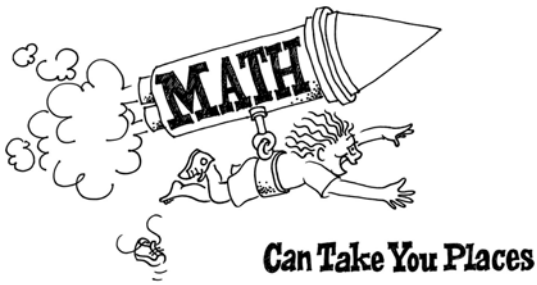


Problem Solving PRACTICE QUESTIONS

Set #1/Grade 4

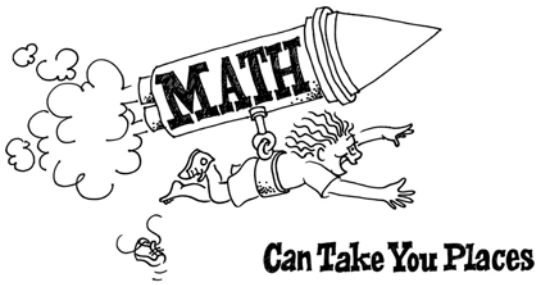
Answers:

1. C
2. B
3. D



Problem Solving PRACTICE QUESTIONS Set #2/Grade 4

1. Joshua went school shopping and spent \$150.00 on clothes and shoes. He bought shoes for \$48.00, 2 shirts for \$18.00 each, and three pairs of pants. If all three pairs of pants were the same price, what was the cost of each pair of pants?
 - A. \$12.00
 - B. \$22.00
 - C. \$66.00
 - D. \$84.00
2. Nia rides her bike to school 5 days a week; she rides a total of 10 miles for the week. What would Nia do to determine the number of miles she would ride in 7 days?
 - A. Subtract 5 from 10 and multiply the result by 7.
 - B. Divide 10 by 5 and multiply the result by 7.
 - C. Multiply 10 by 5 and multiply the result by 7.
 - D. Add 5 and 7 and multiply the result by 10.
3. Taylor is saving for a game cartridge for her handheld video game. The cost of the game is \$49.99. Each week she receives \$2.50 for her allowance. If she doesn't spend any of her allowance, how many weeks will it take her to save enough money to purchase the cartridge?
 - A. 5 weeks
 - B. 10 weeks
 - C. 20 weeks
 - D. 50 weeks

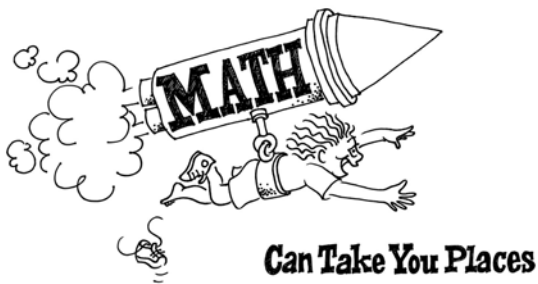


Problem Solving PRACTICE QUESTIONS

Set #2/Grade 4

Answers:

1. B
2. B
3. C



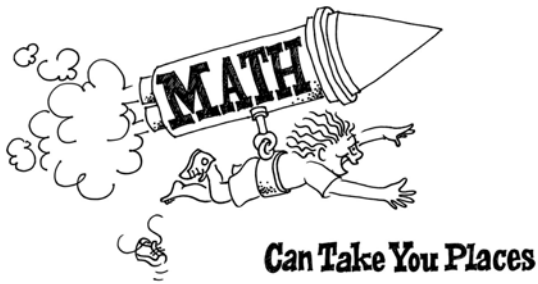
Problem Solving PRACTICE QUESTIONS Set #3/Grade 4

1. Look at the table of data below.

1	$1 \times 4 + 5$	9
2	$2 \times 4 + 5$	13
3	$3 \times 4 + 5$	17
4	$4 \times 4 + 5$	21
5	$5 \times 4 + 5$	25

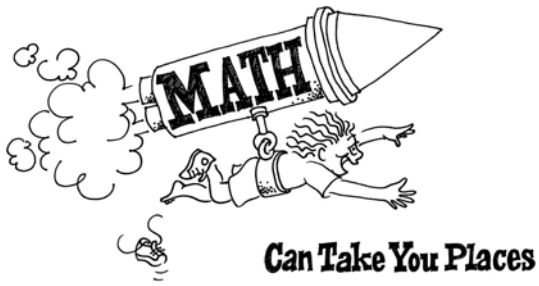
Which situation best matches the table of data?

- A. Four students each had a certain number of pencils.
 - B. No matter how many students get cookies, there will be an extra five cookies left over.
 - C. Each day, Monday through Friday, the school bell rang at 4:05 PM.
 - D. Movie rentals were \$4.00 each with a \$5.00 discount.
2. A train leaves Pleasantville and arrives at Bonner Town at 10:00 AM. It leaves Bonner Town and arrives in Falls City at 12:05 PM. What else do you need to know in order to determine the train's total travel time from Pleasantville to Falls City?
- A. The time the train will arrive back in Pleasantville.
 - B. The amount of time it takes to travel from Falls City back to Bonner Town.
 - C. The time the train will leave Falls City headed back to Pleasantville.
 - D. The time the train left Pleasantville.



Problem Solving PRACTICE QUESTIONS Set #3/Grade 4

3. Jacob's teacher said that she was thinking of a certain number. She said that if she starts with the number and multiplies by 8 and then subtracts 3, she gets 21. Jacob knew that in order to find the answer, he would have to go backwards, starting from 21. Which sentence best describes how Jacob came up with the right answer?
- A. Start at 21 and subtract 3 and multiply that total by 8 to find the missing number.
 - B. Start at 21, add 3 and divide that total by 8 to find the missing number.
 - C. Start at 21, subtract 3 and divide that total by 8 to find the missing number.
 - D. Start at 21, divide by 3 and multiply that total by 8 to find the missing number.

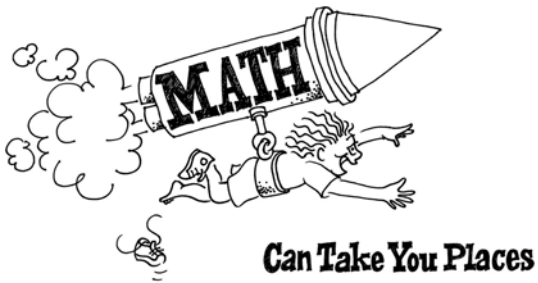


Problem Solving PRACTICE QUESTIONS

Set #3/Grade 4

Answers:

1. B
2. D
3. B

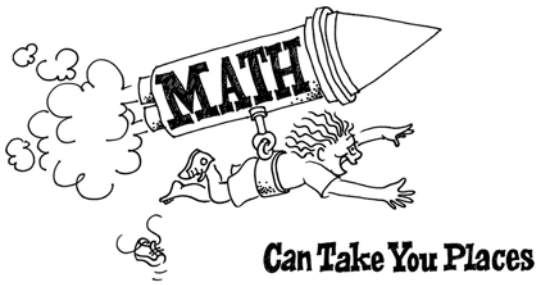


Problem Solving PRACTICE QUESTIONS

Set #4/Grade 5

1. Tickets to a local high school basketball game cost \$3.00 for students, \$5.00 for teachers and \$7.00 for everyone else who wants to purchase a ticket. At the first game, there were 334 students, 87 teachers and 453 parents who bought tickets. What could possibly be the first step to calculate how much money the school made from all the ticket sales from the first game?
 - A. Multiply \$3.00 by \$5.00
 - B. Multiply 334 by \$7.00
 - C. Multiply \$3.00 by 334
 - D. Multiply 453 by 87

2. Dorian and Khalim have a total of 45 different CDs between the two of them. Dorian has 3 more than one third of the total number of CDs. How many CDs does Khalim have?
 - A. 20
 - B. 27
 - C. 30
 - D. 35

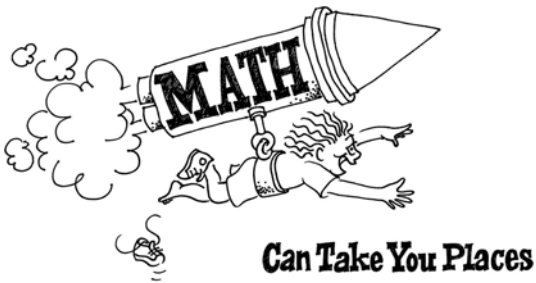


Problem Solving PRACTICE QUESTIONS

Set #4/Grade 5

Answers:

1. C
2. B

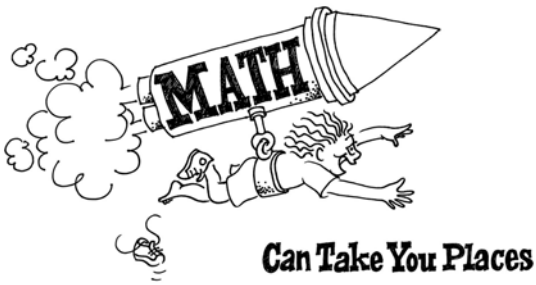


Problem Solving PRACTICE QUESTIONS Set #5/Grade 6

1. Kevin and his sister participated in a bike-a-thon. They raised a total of \$360.00. Kevin collected $\frac{1}{3}$ of the money and his sister collected $\frac{1}{2}$ of the money. Their parents contributed the remainder of the \$360.00. How much money did their parents contribute?
- A. \$60.00
B. \$80.00
C. \$90.00
D. \$100.00
2. Selena drives to school Monday and Tuesday. The amount of gas in the tank on Monday morning is shown on the gas gauge below. If she uses $\frac{1}{8}$ of a tank of gas each day, how much gas is left in the tank?



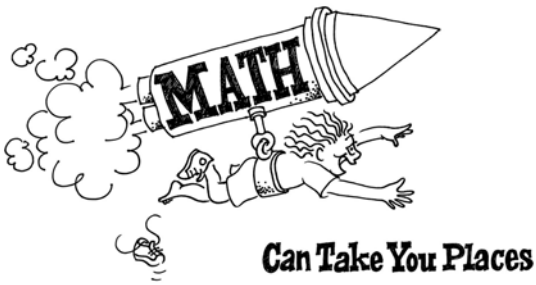
- A. $\frac{1}{4}$ of the tank
B. $\frac{3}{8}$ of the tank
C. $\frac{5}{8}$ of the tank
D. $\frac{3}{4}$ of the tank



Problem Solving PRACTICE QUESTIONS

Set #5/Grade 6

3. Edgar wants a new bike. His dad will pay for $\frac{3}{8}$ of the cost of the bike and his uncle will pay for $\frac{1}{4}$ of the cost. What fractional part of the cost is Edgar responsible for paying?
- A. $\frac{1}{3}$ of the cost
 - B. $\frac{1}{4}$ of the cost
 - C. $\frac{5}{8}$ of the cost
 - D. $\frac{3}{8}$ of the cost



Problem Solving PRACTICE QUESTIONS

Set #5/Grade 6

Answers:

1. A
2. C
3. D