

Equivalency PRACTICE QUESTIONS Set #1/Grade 4

1. Kara and Jordan were counting the number of tickets that were sold at the baseball game. Kara counted 73 tickets and Jordan counted 54 tickets. Which equation best describes the total number of tickets?

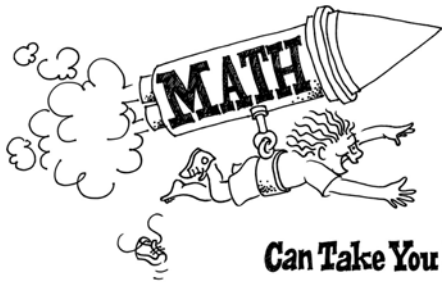
- A. $73 - \underline{\quad} = 127$
- B. $54 \times \underline{\quad} = 127$
- C. $127 - \underline{\quad} = 54$
- D. $127 + \underline{\quad} = 73$

2. Jamal was measuring the perimeter of a rectangular table to purchase the correct size tablecloth. Which equation best describes the 20-foot perimeter of the table?

- A. $20 \text{ ft.} = 3 \text{ ft.} + \underline{\quad} + 8 \text{ ft.} + 8 \text{ ft.}$
- B. $20 \text{ ft.} - 4 \text{ ft.} - 7 \text{ ft.} - \underline{\quad} = 4 \text{ ft.}$
- C. $4 \text{ ft.} + 4 \text{ ft.} = 20 \text{ ft.} - 8 \text{ ft.} - \underline{\quad}$
- D. $20 \text{ ft} = \underline{\quad} \text{ ft} + 6 \text{ ft} + 4 \text{ ft} + 4 \text{ ft.}$

3. Viviana is reading a book that is 325 pages long, and she must be finished by Friday. It is Monday, and she has read 173 pages. Which sentence best describes the number of pages she must read to finish the book by Friday?

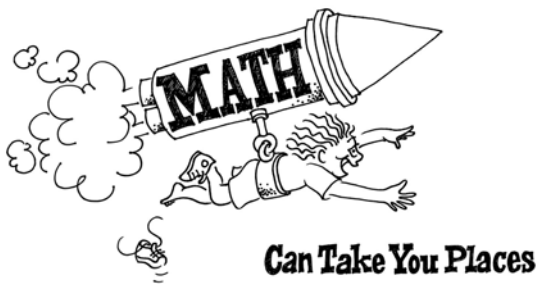
- A. $325 = 173 + \underline{\quad}$
- B. $25 = 173 - \underline{\quad}$
- C. $173 = 325 + \underline{\quad}$
- D. $173 = 173 - \underline{\quad}$



Can Take Your Places

Set #1 Answer Key:

1. C
2. D
3. A

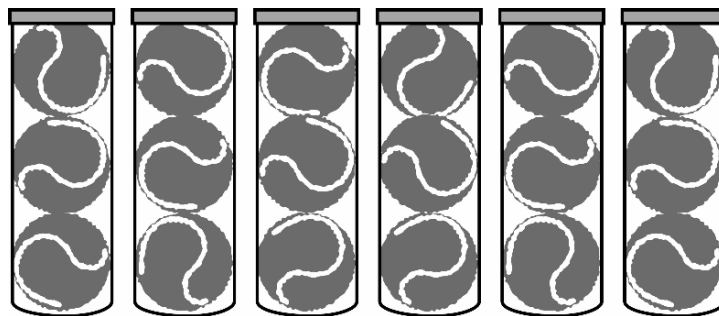


Equivalency PRACTICE QUESTIONS Set #2/Grade 4

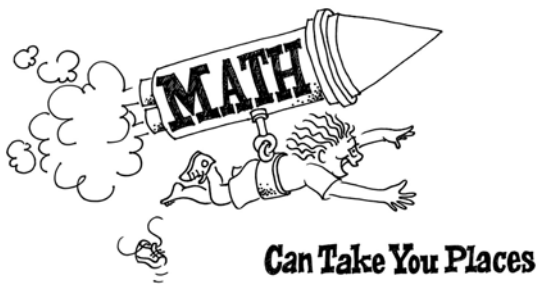
1. Which number sentence represents 64 pencils shared between 8 friends?

- A. $64 \times \square = 8$
- B. $8 \div \square = 64$
- C. $64 \div \square = 8$
- D. $64 + \square = 8$

2. Javier has tennis balls in the cans pictured below. Which number sentence best represents the total number of tennis balls?



- A. $3 + 6 = 9$
- B. $6 \times 6 = 36$
- C. $18 \div 3 = 6$
- D. $6 + 6 = 1$

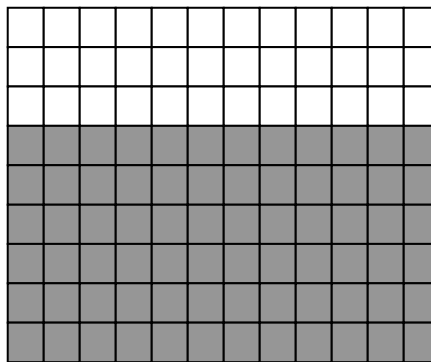


**Equivalency
PRACTICE QUESTIONS
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3. Which number sentence does *not* have 8 as a solution?

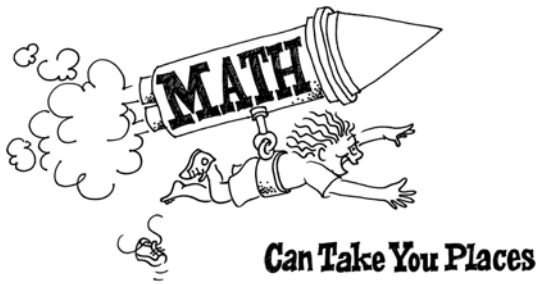
- A. $9 \times \underline{\quad} = 72$
- B. $15 - 7 = \underline{\quad}$
- C. $8 \times \underline{\quad} = 16$
- D. $56 \div \underline{\quad} = 7$

4. Jessica is trying to determine the area of a room that will be carpeted. She knows that each tile on the floor measures 1 square foot and that the shaded region represents the part of the room that will be carpeted.



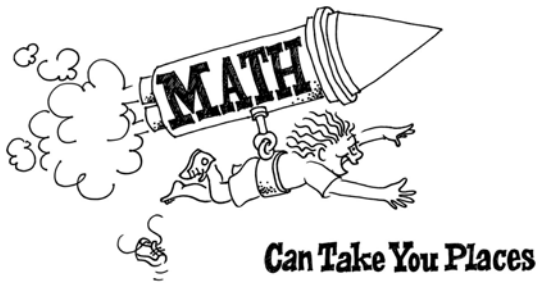
Which number sentence describes the area of the room that will be carpeted?

- A. $108 \text{ ft.}^2 - 72 \text{ ft.}^2$
- B. $42 \text{ ft.}^2 + 30 \text{ ft.}^2$
- C. $72 \text{ ft.}^2 + 36 \text{ ft.}^2$
- D. $108 \text{ ft.}^2 - 36 \text{ ft.}^2$



Equivalency PRACTICE QUESTIONS Set #2/Grade 4

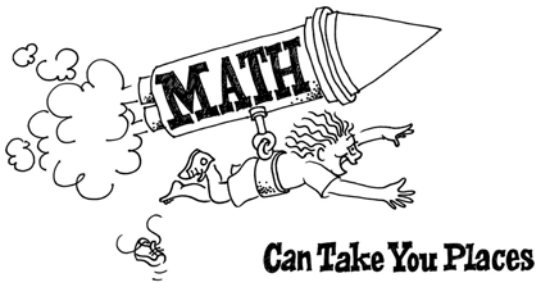
5. Dominique was ordering the following regular polygons based on their perimeters: a triangle, octagon, pentagon, hexagon, and a square. If the sides of each polygon measure 3 inches, how would Dominique order the polygons from the greatest perimeter to the polygon with the smallest perimeter?
- A. Triangle, square, hexagon, pentagon, octagon
 - B. Hexagon, octagon, pentagon, square, triangle
 - C. Octagon, pentagon, hexagon, square, triangle
 - D. Octagon, hexagon, pentagon, square, triangle



Equivalency
PRACTICE QUESTIONS
Set #2/Grade 4

Set #2 Answers:

1. C
2. C
3. C
4. D
5. D



Equivalency PRACTICE QUESTIONS

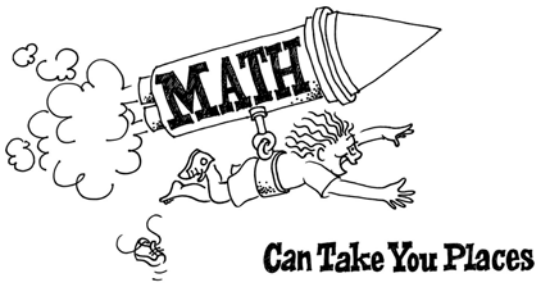
Set #3/Grade 5

1. The table below shows the amount of rainfall, in inches, over a period of seven days.

Day	Rainfall (inches)
1	1.04
2	0.70
3	0.34
4	1.57
5	1.52
6	1.21
7	0.75

How many more inches of rain fell during the odd-numbered days than on the even-numbered days?

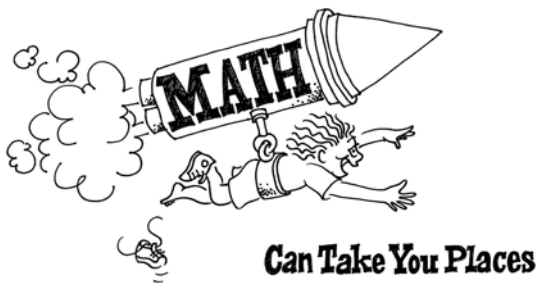
- A. 1.17 inches
 - B. 0.17 inches
 - C. 1.70 inches
 - D. 7.13 inches
2. Ms. Coleman's annual salary is \$53,820.00. She earns an additional \$12,540.00 per year. She spends \$5,300.00 on medical and life insurance. Write an equation that shows the amount of money Ms. Coleman has after spending the \$5,300.00 on insurance?
3. Monica's soccer team had a fundraiser. The goal was to raise \$1,500.00. So far, the team members have raised \$378.75 from selling candles and \$203.50 from car washes. What would the soccer team do to determine the amount of money it still needs to raise to reach its goal?
- A. Add \$378.75 and \$203.50 and add the total to \$582.25.
 - B. Subtract \$378.75 from \$1,500.00.
 - C. Add \$917.75 to \$203.50 and subtract the total from \$1,500.00.
 - D. Subtract the total of \$378.75 and \$203.50 from \$1,500.00.



Equivalency PRACTICE QUESTIONS Set #3/Grade 5

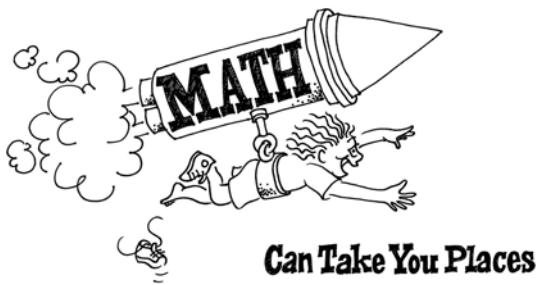
Answers:

1. B
2. Leave as an open-ended question. Solution will vary.
 $(\$53,820 + \$ 12,540) - \$ 5,300 = \$61,060$
3. D



Equivalency PRACTICE QUESTIONS Set #4/Grade 5

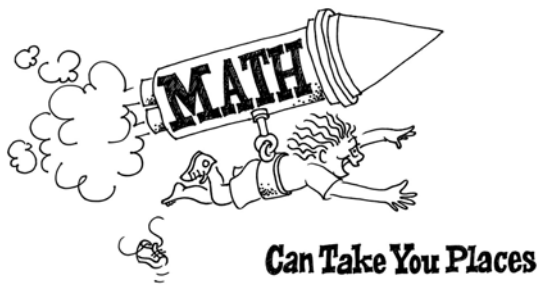
1. Shelly's family is going to the amusement park this weekend, and her parents need to make sure that everyone going has a ticket. Shelly, her Mom, Dad, grandmother, and Shelly's best friend, Beth, will all be going to the park. Tickets are \$14.25 for students and \$22.50 for adults. Which number sentence can be used to find out how much money Shelly's parents will need to buy the amusement park tickets?
- A. $(2 \times \$14.25) + (3 \times \$22.50) = \$96.00$
 - B. $(2 \times \$22.50) - (3 \times \$14.25) = \$2.25$
 - C. $(\$22.50 - \$14.25) \times 5 = \$41.25$
 - D. $(\$22.50 + \$14.25) \times 5 = \$183.75$
2. Miguel saved up \$35 to spend on a present for his Dad's birthday. He bought him a new baseball cap that cost \$12.64 and a matching t-shirt that cost \$17.28. Which number sentence can be used to find how much money Miguel had left after buying the presents?
- A. $\$35 - (\$17.28 - \$12.64) = \30.36
 - B. $\$35 - (\$17.28 + \$12.64) = \5.08
 - C. $\$35 + (\$17.28 - \$12.64) = \39.64
 - D. $\$35 - (\$12.64 \div 2) = \$9.72$



Equivalency
PRACTICE QUESTIONS
Set #4/Grade 5

Answers:

1. A
2. B



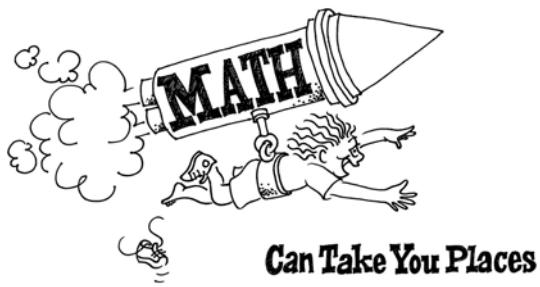
Equivalency PRACTICE QUESTIONS Set #5/Grade 6

1. Jacqueline and her mom are shopping for shoes. The store has a special on shoes. When you buy 2 pairs at the regular price, you get $\frac{1}{3}$ off the next pair. What percentage of the regular price did Jacqueline have to pay on the third pair of shoes?

- A. $2\frac{1}{3}\%$
- B. $33\frac{1}{3}\%$
- C. $66\frac{2}{3}\%$
- D. $67\frac{2}{3}\%$

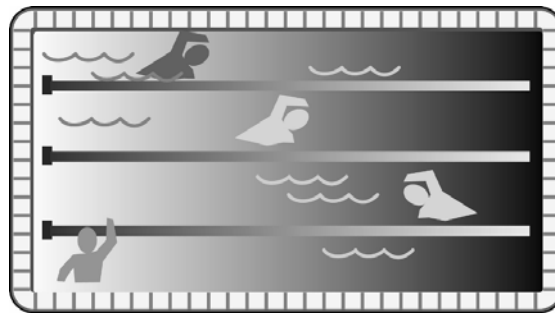
2. Corina bought 2 large pepperoni pizzas. Each pizza had 8 slices. She gave $\frac{1}{4}$ of the pizzas to Marcus and $\frac{3}{8}$ of the pizzas to Jamal. If Corina ate 2 slices of pizza, how many slices of pizza are left?

- A. 3 slices
- B. 4 slices
- C. 6 slices
- D. 8 slices

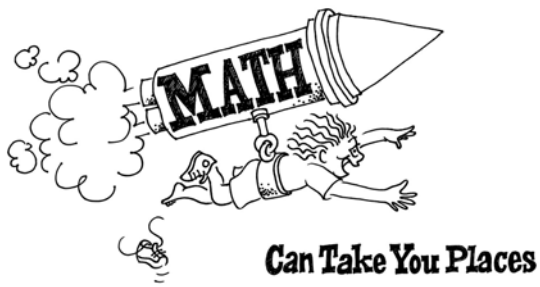


Equivalency PRACTICE QUESTIONS Set #5/Grade 6

3. Jose, Brandi, Ahmed, and Claire are lifeguards. They are training in a pool that is 25 meters long. Swimming the length of the pool down and back is one lap. Brandi swam 8 laps. Jose swam half as many laps as Brandi. Ahmed swam 75% of the laps that Brandi swam, and Claire swam one-fourth of the laps that Brandi swam. How many total meters did the lifeguards swim?



- A. 800 meters
- B. 900 meters
- C. 1000 meters
- D. 1200 meters



Equivalency PRACTICE QUESTIONS Set #5/Grade 6

Answers:

1. C
2. B
3. C



Equivalency PRACTICE QUESTIONS Set #6/Grade 6

1. Kibbe needs exact change for the vending machine. The item he would like to purchase costs \$0.65. Kibbe has three coins, but is one coin short of having the exact change. Which equation best describes the value of the coin, c , that Kibbe still needs in order to have exact change for the vending machine?

- A. $\$0.65 = \$0.75 - c$
- B. $c = \$0.65 - \0.50
- C. $c = \$1.00 - \0.65
- D. $\$0.65 = \$0.60 + c$

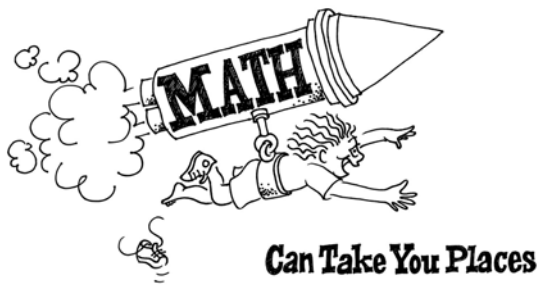
1. Jamila is looking back over her basketball stats for the season. She has a range of 16 points between her highest score, h , and her lowest score, l , for the season. Which equation best describes Jamila's high score, h , for the season?



- A. $h = l + 16$
- B. $16 + h = l$
- C. $h = 16 - l$
- D. $h = l - 16$

3. Drew kept a record of the number of volunteers who worked Saturday and Sunday at the Special Olympics. The final count for the number of volunteers was 341. There were a total of 107 volunteers on the first day. Which equation best describes the number of volunteers, v , that worked on the second day?

- A. $v = 341 + 107$
- B. $v + 341 = 107$
- C. $107 = 341 - v$
- D. $v - 107 = 341$



Equivalency PRACTICE QUESTIONS Set #6/Grade 6

Answer:

1. D
2. A
3. C