Math Madness #50

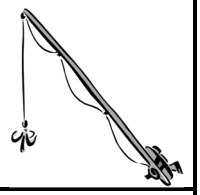
1. Aiden put $5 in her piggy bank each week for eight weeks. She also added $25 that her grandfather gave her for her birthday. Which expression shows how much money she had left in her piggy bank if she spent $8 on a new jump rope?
   a. (5 × 8) + 25 – 8
   b. (5 + 8) + 25 + 8
   c. (5 × 8) × 25 – 8
   d. (5 × 8) × 25 + 8

2. In August Travis walked 13.59 miles, and Stu walked 13.54 miles. In which place do these numbers differ?
   a. ones
   b. tens
   c. tenths
   d. hundredths

3. Tasha bought a purse and wallet at the fair. She gave the cashier $25 and the cashier gave her $4.26 back. If the purse cost $12.99, how must did the wallet cost?
   a. $7.25
   b. $7.75
   c. $8.25
   d. $8.75

4. Dylan rode his scooter $1\frac{3}{4}$ miles on Saturday and $2\frac{1}{2}$ miles on Sunday. How far did he ride in all?
   a. $3\frac{1}{4}$ miles
   b. $3\frac{1}{2}$ miles
   c. $4\frac{1}{4}$ miles
   d. $4\frac{1}{2}$ miles

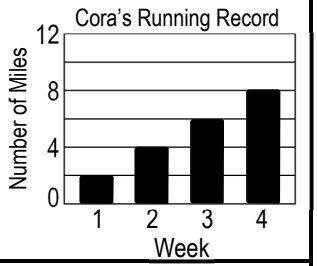
5. Joey's new fishing pole is $5\frac{5}{8}$ feet long. Which of the following shows this number rounded to the nearest whole number?
   a. 5 foot
   b. 6 feet
   c. 7 feet
   d. 8 feet



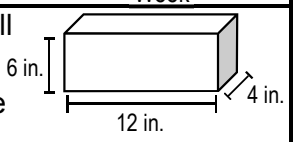
6. During a track and field competition Gerald jumped 8 feet. Which of the following is equivalent to 8 feet?
   a. 2 yards
   b. $2\frac{1}{3}$ yards
   c. $2\frac{2}{3}$ yards
   d. 3 yards

7. Cora is preparing for a marathon. The graph below shows how the distance she runs is changing.

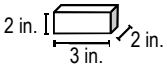
   If Cora continues to increase the distance she runs at the same rate, during which week will she run 14 miles?
   a. Week 5 c. Week 7
   b. Week 6 d. Week 8



8. Tyra baked brownies. She will store them in this container.



   She will cut each brownie the same size as shown below.



   How many brownies will it take to completely fill the container?
   a. 24 b. 16 c. 8 d. 4

9 & 10 (2 points) Short Answer / Extended Response

Joe and Wendi painted one room in their house. Joe painted $\frac{4}{6}$ of the room and Wendi painted $\frac{3}{12}$ of the room. Did they finish painting the room? If not, what fraction of the room do they still need to paint? Explain how you know.

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