MATH in Minutes

Name

Level A   #16

1. Is the product of this problem closer to 0 or 1? How do you know? **Number and Operations**

$$0.5 \times 0.5 = ?$$

2. Bill is buying a used convertible for the price shown. If he also buys new tires at \$100 per tire, which place values in the car's cost will change? Explain your answer. **Number and Operations**

$$\$19{,}748$$

3. Which of these numbers is not equal to $\frac{4}{3}$? Explain how you know. **Number and Operations**

$$\frac{8}{6} \qquad 1\frac{3}{6} \qquad 1\frac{1}{3} \qquad 1\frac{9}{27} \qquad 1\frac{5}{15}$$

4. Joni adds 4 sit-ups to her workout each day. On Wednesday, she did 20 sit-ups. At this rate, will she be able to do 50 sit-ups by next Wednesday? Explain your answer. **Algebra**

5. Three boys are building a project with their scout troop. Mark is using a board that is $\frac{1}{2}$ m long. Eric's board is 10 cm long, and Felipe's board is 200 cm long. Which boy is using the longest piece of wood? How do you know? **Measurement**

6. What is the sum of the number of faces, edges, and vertices on a cube? How does this sum compare with the total number of faces, edges, and vertices on a rectangular prism? Explain your answer. **Geometry**