

Name _____ Class _____ # _____

7th Grade Math ~ AMI Day #1 Assignment

Translate into an equation and solve. (NO CALCULATOR)

1. Three more than the product of a number and 4 is 15.

Find the number.

Equation: _____ Solution: _____

2. Emily has saved \$74 toward a new sound system that costs \$149. She plans on saving an additional \$15 each week. How many total weeks will it take Emily to save enough money to buy the sound system? Write an equation and then solve it.

Equation: _____ Solution: _____

AMI Day #2 Assignment

Write each ratio as a fraction in simplest form.

1. 12 feet: 10 yards _____
2. 75 seconds: 2 minutes _____

3. 36 inches: 144 feet _____
4. 13 marshmallows: 26 cookies _____

AMI Day #3 Assignment

Find the unit rate. Include labels.

1. 18 people in 3 vans _____
2. 2400 Calories in 12 hours _____

Choose the best unit price.

2. \$12.95 for 3 pounds of candy or \$21.45 for 5 pounds of candy.

AMI Day #4 Assignment

1. Find the surface area of a rectangular prism with dimensions of 16 feet x 3.5 feet x 10 feet. Show your work and label your answer.

2. Find the surface area of a triangular prism. The triangle has a base of 4 inches and a height of 5 inches. The prism is 10 inches tall. Show your work and label your answer.

AMI Day #5 Assignment

3. Find the volume of a rectangular prism with dimensions of 6 feet x 3.5 feet x 4 feet. Show your work and label your answer.
4. Find the volume of a triangular prism. The triangle has a base of 4 inches and a height of 5 inches. The prism is 10 inches tall. Show your work and label your answer.