

Make sure to show all work on a separate sheet of paper. Full credit will only be given if work is turned in with all answers. Do not use a calculator.

Monday	Tuesday	Wednesday
<p>1. Write and solve an equation for the scenario. A rectangle has a perimeter of 24 in. Find its dimensions if its length is 3 inches greater than its width.</p>	<p>1. A square has an area of 25 ft², what is the perimeter of the square?</p>	<p>1. Solve the equation. $(5x + 9) - (3x - 13) = 2(11 - x)$</p>
<p>2. Solve $x^2 + 14 = 95$</p>	<p>2. Find the distance between the largest integer value less than $-\sqrt{14}$ and the smallest integer value greater than $\sqrt{29}$</p>	<p>2. The $\sqrt[3]{36}$ belongs to what real number categories?</p>
<p>3. Write and solve an equation for the scenario. Angela rented a car for \$29.99 a day plus a one time insurance fee of \$5. Her bill was \$124.96. For how many days did she rent the car?</p>	<p>3.. Solve $\frac{7}{9} \div 0.\overline{5}$</p>	<p>3. A cube has a volume of 27 m³, what is the measure of one side?</p>
<p>4. What is the sum of the integers between $\sqrt{2}$ to $\sqrt{18}$</p>	<p>4. Write and solve an equation for the scenario. After Ricardo received his allowance for the week, he went to the mall with friends. He spent half his allowance on a new book, then he bought himself a snack for \$1.25. When he arrived home he had \$5.00 left. How much was his weekly allowance?</p>	<p>4. Which real number system category or categories would apply to all numbers in the following set. $\{-12, -4, 0, 5, 18, 105\}$</p>