

FOA 2 Mixed Reviews

Name:

Block:

Think back to what we have covered this year and answer the following questions:

1. Whole number system: check the subset of each number:

	Real	Natural	Whole	Integer	Rational	Irrational
6						
0						
0.8557343...						
3^3						
$\sqrt{23}$						
-6.234						
-7						
$-\frac{1}{5}$						
$\frac{15}{3}$						
6.12						

2. Properties: State the property of each equation:

$6 \cdot 3 = 3 \cdot 6$ _____

$(6+5) - 2 = (2+3) - 5$ _____

$5 \cdot 0 = 0$ _____

$5 \cdot \frac{1}{5} = 1$ _____

$4(6 \cdot 2) = 4(6) \cdot 4(2)$ _____

3. Square Roots: Circle the perfect square.

$\sqrt{49}$

$\sqrt{24}$

4. Square Roots: Circle the perfect square.

$\sqrt{89}$

$\sqrt{121}$

5. Express in scientific notation 120,000 _____

6. Express in standard form 2.3×10^2 _____

7. Express in standard form 10^{-5} _____

8. Express in standard form 10^6 _____

9. Express in scientific notation .00154 _____

10. Express in scientific 815,421 _____