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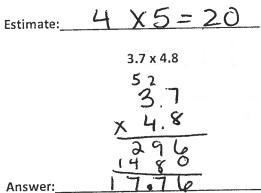
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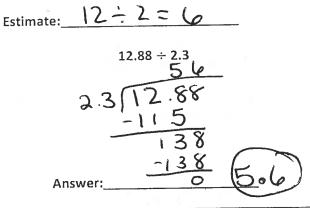
Week of:	
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## REVIEW

## SHOW ALL WORK!!!!!!

1.	Estimate	and	then	find	the	product.
	<i>)</i> i	,			2	a





3. Simplify each power.

a) 
$$4^3 \cdot 4^6 = 4^9$$

b) 
$$(4^3)^6 = 4^8$$

c) 
$$\frac{4^6}{4^3} = 4^3$$

4. Simplify using a single positive exponent.

 $5z^{-2} \cdot 3z^6 \cdot z^8$ 

Answer: 15 Z 2

5. Simplify using a single positive exponent.

$$\frac{14x^7}{2x^{-2}}$$

Simplify using a single positive exponent.

Standard: Solve real-world and other mathematical problems involving numbers expressed in scientific notation, including problems where both decimal and scientific notation are used. Interpret scientific notation that has been generated by technology, such as a scientific calculator, graphing calculator, or excel spreadsheet.

Answer:

7. Change each number to standard form.	8. Change each number to scientific	
3.7 x 10 <sup>5</sup>	notation.	. (
270000	4, 560, 000, 000	
	4.56 × 109	
8 x 10 <sup>-6</sup>		
	0.00000089	
, 00000s	89×10	
	0.17210	
9. Adjust each number to place it in correct	10. Which number is in scientific notation?	
scientific notation.	Explain.	
0.45 x 10 <sup>8</sup>	289 x 10 <sup>4</sup> 14 <sup>8</sup>	
7		
4.5×10'	$4.6 \times 10^{-5}$ 5.89 x 9 <sup>7</sup>	
$23 \times 10^{-5}$	The first number is	
2.3 × 10-4	between 1 + 10 and it is	Š
<u> </u>	· ·	
11. Taylor states that 2,800,000 in scientific	being multiplied by a power 12. Sam said to change 2.5 x 105 to standard	Ol 1
notation is 2.8 x $10^{-6}$ . Give the correct	form you write 25 and then add 5 zeros.	
answer and explain her mistake.	Is he correct? Explain.	
0 0 6	19	
Answer: $2.8 \times 10^6$	NO you move the	
this a lame number	decimal 5 times not	
+1 15 4 large Holmber		
so the exponent	add 5 Zeros. It should	
should be Positive.	by 250000.	
	,	
Mental Math: Solve each problem mentally and ex	plain your reasoning.	
13. \$10.00 - \$8.97 = \land \cdot O \rightarrow{3}	14.	
\$10.00 - \$8.97 = 1,00	$\frac{4}{5}$ of 150 = $120$	

Extra Practice: Work on math facts with Reflex and 1-9 Math XL Practice assigned on Pearson