

W-SP
 - Rounding
 to nearest place

3-2 Estimating Decimal Products and Quotients

Questions/Main Ideas:	Notes:
Standards	NR2.1 use estimation to verify multiplication and division calculations
	Estimating by rounding to nearest integer.
	8.35×7.95 $\approx 8 \times 8 = 64$ so $8.35 + 7.95 \approx 64$
	Try 3.96×4.2 $\approx 4 \times 4$ $3.96 + 4.2 \approx 16$
	went to check if someone charged you reasonably.
	Bought 8 bags of dog food for 11.85 with no tax. They charged you \$98.00 was that reasonable?
	$8 \cdot 12 = 96$ <p style="margin-left: 40px;">↳ was rounded to 12</p> so total price should be less than \$98 but it was not, so not reasonable
Summary:	

3-2- Estimating decimals products and quotients

Questions/Main Ideas:	Notes:
	<p><u>Division</u></p> $\begin{array}{r} \text{quotient} \\ 8 \div 2 = 4 \\ \text{Divisor} \\ \text{Dividend} \end{array}$
<p><u>Steps:</u></p> <p>① round the divisor</p> <p>② find a compatible number for the dividend.</p>	<p>using compatible numbers (are numbers that are easy to divide mentally)</p> $14.79 \div 3.17$ $15 \div 3 = 5$ $14.79 \div 3.17 \approx 5$ <p>Change to compatible numbers</p>
	<p><u>Try</u></p> $38.9 \div 1.79$ $38 \div 2 = 19$ <p>changed to 38 because it is easier to divide 38 by 2 than 39 by 2. 38 is a compatible number.</p>
	<p>PB 32</p> <p>HW 129-130 (10-40 even)</p>
<p>Summary:</p>	