Reteaching Page 3.2 Estimating Decimals

You can use rounding to estimate with decimals.

26.95 + 1.35; tenths	957.47 – 70.62; whole number	10.68 * 9.2; whole number
26.85 = 27.9	957.47 = 957	10.68 = 11
1.35 = 1.4	70.62 = 71	9.2 = 9
29.3	886	99

You can use **compatible numbers** to estimate with decimals.

9.2 * 4.3 =	73.6 * 4.7 =	68.7 ÷ 7.6 =	
10 and 4 are compatible!	70 and 5 are compatible!	Call the 7.6 8;	
9.2 * 4.3 is about 40	73.6 * 4.7 is about 350	64 and 8 are compatible!	
		68.7 ÷ 7.6 is about 8	

Estimate by rounding to the indicated place value:

1. 810.08 + 59.95; whole number. 2. 615.0)7 – 31.64; tenths.
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810.08	=	615.07	=
59.95	=	31.64	=

Estimate by rounding or estimate using compatible numbers.

3)	10.28 + 9.2 =	7)	447.49 + 60.42 =
4)	529.36 - 28.78 =	8)	80.24 - 72.48 =
5)	12.17 * .64 =	9)	6.53 * 6.35 =
6)	271.2 ÷ 43 =	10)	30.28 ÷ 9.31 =

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