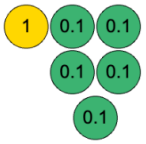
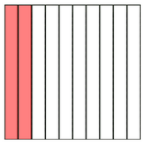
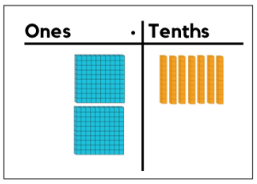
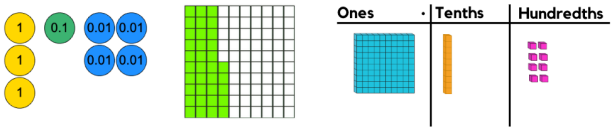
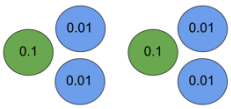
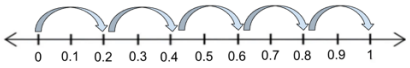
Decimal Intervention Tracker

Student Name:

Intervention Guide			
Fourth-Grade Standards			
	Description	**Examples and Notes**	☑
A	**Read** decimal numbers to the **tenths** place using formal mathematics language.	0.7 is read as "seven-tenths" 1.4 is read as "one and four-tenths"	
B	Represent decimal numbers to the **tenths** place using **concrete/visual models**.	1.5  0.2  2.7 	
C	Use **concrete/visual models** and the **standard algorithm** to add decimal numbers up to the **tenths** place *(without regrouping)*.	0.2 + 0.5 1.3 + 0.4 (include one decimal > 1) 2.1 + 3.7 (include two decimals > 1) 17.6 + 1.2 (include one decimal > 10) 22.3 + 13.1 (include two decimals > 10) 0.8 + 5 (include whole numbers)	
D	Use **concrete/visual models** and the **standard algorithm** to add decimal numbers up to the **tenths** place *(with regrouping)*.	0.8 + 0.4 1.7 + 0.5 (include one decimal > 1) 2.3 + 3.7 (include two decimals > 1) 15.7 + 1.5 (include one decimal > 10) 31.6 + 12.7 (include two decimals > 10) 7.5 + 8.6, 18.7 + 3.4, 19.8 + 12.5 (include multiple regroupings)	
E	Use **concrete/visual models** and the **standard algorithm** to subtract decimal numbers up to the **tenths** place *(without regrouping)*.	0.7 – 0.3 1.6 – 0.4 (include one decimal > 1) 5.4 – 3.1 (include two decimals > 1) 18.6 – 4.2 (include one decimal > 10) 25.3 – 14.1 (include two decimals > 10) 4.8 – 2 (subtrahend is a whole number)	
F	Use **concrete/visual models** and the **standard algorithm** to subtract decimal numbers up to the **tenths** place *(with regrouping)*.	1.4 – 0.8 2.1 – 1.6 (include two decimals > 1) 18.6 – 4.2 (include one decimal > 10) 25.3 – 14.7 (include two decimals > 10) 12.7 – 3.9, 23.4 + 15.6 (include multiple regroupings) 5 – 2.3 (include minuend as a whole number)	

G	Read decimal numbers to the **hundredths** place using formal mathematics language.	0.08 is read as "eight hundredths" 0.14 is read as "fourteen hundredths" 3.26 is read as "three and twenty-six hundredths"	
H	Represent decimal numbers to the **hundredths** place using **concrete/visual models**.	3.14 0.35 1.18 	
I	Use **concrete/visual models** and the **standard algorithm** to <u>add</u> decimal numbers up to the **hundredths** place *(without regrouping)*.	0.06 + 0.03, 0.14 + 0.05, 0.21 + 0.53 0.04 + 0.2, 0.3 + 0.25 (include tenths and hundredths) $1.03 + $2.51, $0.45 + $1.32, $12.05 + $24.31 (include money)	
J	Use **concrete/visual models** and the **standard algorithm** to <u>add</u> decimal numbers up to the **hundredths** place *(with regrouping)*.	0.05 + 0.08, 0.06 + 0.35, 0.17 + 0.56 0.9 + 0.28 (include tenths and hundredths) $1.59 + $1.23, $0.45 + $2.37, $12.05 + $24.38 (include money) $2.57 + $1.64, $17.98 + $5.34 (include multiple regroupings)	
K	Use **concrete/visual models** and the **standard algorithm** to <u>subtract</u> decimal numbers up to the **hundredths** place *(without regrouping)*.	0.08 – 0.05, 0.37 – 0.04, 0.53 – 0.26 0.53 – 0.4 (include tenths in the subtrahend) $1.09 – $1.03, $3.42 – $0.20, $15.45 – $12.32 (include money)	
L	Use **concrete/visual models** and the **standard algorithm** to <u>subtract</u> decimal numbers up to the **hundredths** place *(with regrouping)*.	0.32 – 0.05, 0.54 – 0.27, 0.53 – 0.21 $2.05 – $1.08, $3.42 – $0.25, $15.45 – $12.39 (include money) $3.28 – $1.53, $9.36 – $0.82, $23.49 – $11.53 (regroup in tenths place) $2.43 – $1.68, $17.98 + $5.34 (include multiple regroupings) 5 – 2.31 (include minuend as a whole number)	
M	Spiral review		

Fifth-Grade Standards			
	Description	**Examples and Notes**	☑
N	Multiply **whole numbers** and **decimals** to the **tenths** place using **objects** and **pictorial models** *(without regrouping).*	5 × 0.1 4 × 0.3 3 × 0.2 2 × 0.3 	
O	Multiply **whole numbers** and **decimals** to the **hundredths** place using **objects** and **pictorial models** *(without regrouping).*	4 × 0.02 3 × 0.13 3 × $1.23, 2 x $13.42 (include money) 2 × 0.12 	
P	Multiply **whole numbers** and **decimals** to the **tenths** place using **objects** and **pictorial models** *(with regrouping).*	2 × 0.6 3 × 0.4 5 × 0.3 5 × 0.2  10 × 0.3 (whole number = 10) 13 × 0.5 (whole number > 10)	
Q	Multiply **whole numbers** and **decimals** to the **hundredths** place using **objects** and **pictorial models** *(with regrouping).*	4 × 0.03 (regroup in the hundredths place, no tenths) 5 × 0.14 (regroup in the hundredths place) 3 × 0.52 (regroup in the tenths place) 4 × 0.67 (regroup in the tenths and hundredths places) 5 × $1.23, 3 × $2.41, 4 × $1.34, 3 × $4.56 (include money)	
R	Multiply **decimals** using **objects** and **pictorial models, including area models** *(without regrouping).*	0.1 × 0.5 0.3 × 0.2 0.2 × 0.4, 0.4 × 0.2 (opportunity to discuss Commutative Property of Multiplication)	
S	Multiply **decimals** using **objects** and **pictorial models, including area models** *(with regrouping).*	0.3 × 0.2 0.6 × 0.4 0.5 × 0.2 0.8 × 0.3 0.3 × 0.4 	
T	Divide **decimals** by a 1-digit whole number using **objects** and **pictorial models, including area models.**	0.6 ÷ 2 (tenths) 0.08 ÷ 4, 0.12 ÷ 3 (hundredths) 1.4 ÷ 7 (decimals > 1) 21.3 ÷ 3 (decimals > 10) $3.15 ÷ 3, $12.36 ÷ 4 (include money)	

U	Divide **decimals** by a 2-digit whole number using **objects** and **pictorial models, including area models**.	0.6 ÷ 12 (tenths) 0.08 ÷ 20, 0.26 ÷ 13 (hundredths) 2.4 ÷ 12 (decimals > 1) 12.1 ÷ 11 (decimals > 10) $2.25 ÷ 15, $32.48 ÷ 16 (include money)	
V	Spiral review		

Date E.g., *1-06-25*	**Minutes** E.g., *20 min*	**Focus** E.g., D	**Notes** E.g., *First day included two decimals > 10. Needs place value review.*

Date	Minutes	Focus	Notes

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