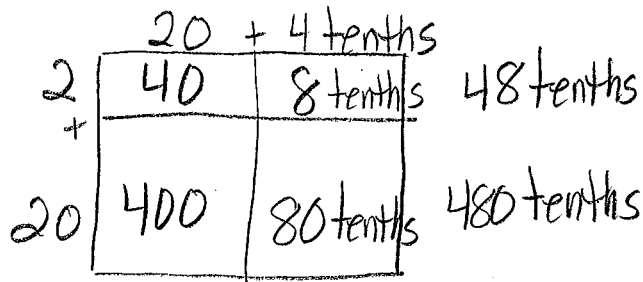


Name _____

Date _____

1. Estimate the product. Solve using an area model and the standard algorithm. Remember to express your products in standard form.

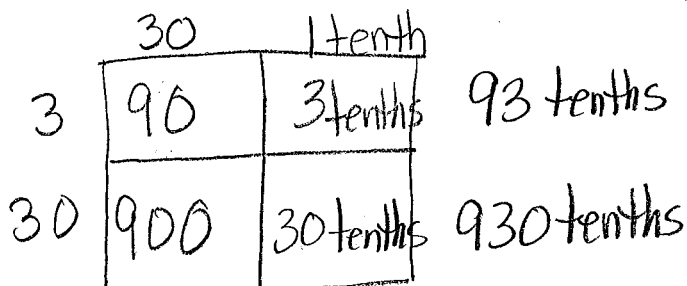
a. $22 \times 2.4 \approx \underline{20} \times \underline{2} = \underline{40}$



24 (tenths)

$$\begin{array}{r} \times 22 \\ 48 \\ \underline{480} \\ 528 \text{ tenths} = 52.8 \end{array}$$

b. $3.1 \times 33 \approx \underline{3} \times \underline{30} = \underline{90}$



31 (tenths)

$$\begin{array}{r} \times 33 \\ 93 \\ \underline{930} \\ 1023 \text{ tenths} = 102.3 \end{array}$$

2. Estimate, and then use the standard algorithm to solve. Express your products in standard form.

a. $3.2 \times 47 \approx \underline{3} \times \underline{50} = \underline{150}$

b. $3.2 \times 94 \approx \underline{3} \times \underline{90} = \underline{270}$

32 (tenths)

32 (tenths)

$$\begin{array}{r} \times 47 \\ 224 \\ \underline{1280} \\ 1504 \text{ tenths} = 150.4 \end{array}$$

$$\begin{array}{r} \times 94 \\ 128 \\ \underline{2880} \\ 3008 \text{ tenths} = 300.8 \end{array}$$

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COMMON CORE

Lesson 10:

Multiply decimal fractions with tenths by multi-digit whole numbers using place value understanding to record partial products.

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2.C.8

c. $6.3 \times 44 \approx 6 \times 40 = 240$

$$\begin{array}{r} 6.3 \\ \times 44 \\ \hline 252 \\ + 2520 \\ \hline 2772 \text{ tenths} = 277.2 \end{array}$$

e. $8.2 \times 34 \approx 8 \times 30 = 240$

$$\begin{array}{r} 8.2 \\ \times 34 \\ \hline 328 \\ + 2460 \\ \hline 2788 \text{ tenths} = 278.8 \end{array}$$

d. $14.6 \times 17 \approx 15 \times 20 = 300$

$$\begin{array}{r} 14.6 \\ \times 17 \\ \hline 1022 \\ + 1460 \\ \hline 2482 \text{ tenths} = 248.2 \end{array}$$

f. $160.4 \times 17 \approx 200 \times 20 = 4,000$

$$\begin{array}{r} 160.4 \\ \times 17 \\ \hline 11228 \\ + 16040 \\ \hline 27268 \text{ tenths} = 2726.8 \end{array}$$

3. Michelle multiplied 3.4×52 . She incorrectly wrote 1,768 as her product. Use words, numbers, and pictures to explain Michelle's mistake.

$$\begin{array}{r} 3.4 \\ \times 52 \\ \hline 68 \\ + 1700 \\ \hline 1768 \text{ tenths} = 176.8 \end{array}$$

The digits in her answer are correct, but she left it in tenths. In standard form her answer is 176.8.

4. A wire is bent to form a square with a perimeter of 16.4 cm. How much wire would be needed to form 25 such squares? Express your answer in meters.

$$\begin{array}{r} 16.4 \\ \times 25 \\ \hline 820 \\ + 3280 \\ \hline 4100 \text{ tenths} = 410.0 \text{ cm} \div 100 = 4.10 \text{ m} \end{array}$$

to make 25 squares

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1. Find the products using the area model and the standard algorithm.

a. 33.2×21

	300	30	2 tenths	
1	300	30	2	332 →
20	6000	600	40	6640 →

$$\begin{array}{r} 332 \text{ tenths} \\ \times 21 \\ \hline 331 \\ +6640 \\ \hline 6971 \text{ tenths} = \\ 697.1 \end{array}$$

b. 1.7×55

	10	7 tenths	
5	50	35	85 →
50	500	350	850 →

$$\begin{array}{r} 17 \text{ tenths} \\ \times 55 \\ \hline 85 \\ +850 \\ \hline 935 \text{ tenths} \\ 93.5 \end{array}$$

2. If the product of 485×35 is 16,975, what is the product of 485×3.5 ? How do you know?

if $485 \times 35 = 16,975$

then $485 \times 3.5 = 1697.5$

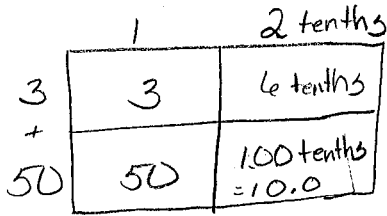
In the second problem you are multiplying by 35 tenths instead of 35

Name _____

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1. Estimate the product. Solve using an area model and the standard algorithm. Remember to express your products in standard form.

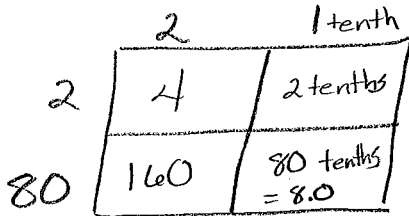
a. $53 \times 1.2 \approx \underline{50} \times \underline{1} = \underline{50}$



12 (tenths)

$$\begin{array}{r} \times 53 \\ 36 \\ 600 \\ \hline 636 \text{ tenths} = 63.6 \end{array}$$

b. $2.1 \times 82 \approx \underline{2} \times \underline{80} = \underline{160}$



21 (tenths)

$$\begin{array}{r} \times 82 \\ 42 \\ 1680 \\ \hline 1722 \text{ tenths} = 172.2 \end{array}$$

2. Estimate, and then use the standard algorithm to solve. Express your products in standard form.

a. $4.2 \times 34 \approx \underline{4} \times \underline{30} = \underline{120}$

42 (tenths)

$$\begin{array}{r} \times 34 \\ 168 \\ + 1260 \\ \hline 1428 \text{ tenths} = 142.8 \end{array}$$

b. $65 \times 5.8 \approx \underline{70} \times \underline{6} = \underline{420}$

58 (tenths)

$$\begin{array}{r} \times 65 \\ 290 \\ + 3480 \\ \hline 3770 \text{ tenths} = 377.0 \text{ or } 377 \end{array}$$

c. 3.3×16
 $\approx 3 \times 20 = 60$

$$\begin{array}{r} 3.3 \\ \times 16 \\ \hline 198 \\ 330 \\ \hline 528 \end{array}$$

528 tenths = 52.8

d. 15.6×17
 $\approx 16 \times 20 = 320$

$$\begin{array}{r} 15.6 \\ \times 17 \\ \hline 1092 \\ 1560 \\ \hline 2652 \end{array}$$

2652 tenths = 265.2

e. 73×2.4
 $\approx 70 \times 2 = 140$

$$\begin{array}{r} 73 \\ \times 24 \\ \hline 292 \\ 1460 \\ \hline 1752 \end{array}$$

1752 ($\div 10$) = 175.2

f. 193.5×57
 $\approx 200 \times 60 = 12,000$

$$\begin{array}{r} 193.5 \times 10 \\ \times 57 \\ \hline 13545 \\ 96750 \\ \hline 110295 \end{array}$$

110295 ($\div 10$) = 11029.5

3. Mr. Jansen is building an ice rink in his backyard that will measure 8.4 meters by 22 meters. What is the area of the rink?

$A = l \times w$

$$\begin{array}{r} 22 \\ \times 8.4 \\ \hline 88 \\ 1760 \\ \hline 1848 \end{array}$$

1848 tenths = 184.8

The area of the rink is 184.8 sq. meters.

4. Rachel runs 3.2 miles each week day and 1.5 miles each day of the weekend. How many miles will she have run in 6 weeks?

Week Days	3.2	Week End	1.5
	$\times 5$		$\times 2$
	160 tenths = 16.0		30 tenths = 3.0

$$\begin{array}{r} 19 \\ \times 6 \\ \hline 114 \end{array}$$

She runs 19 miles each week.
 which is 114 miles in 6 weeks.

A

Correct _____

Multiply.

1	$3 \times 3 =$	9	23	$8 \times 5 =$	40
2	$0.3 \times 3 =$	0.9	24	$0.8 \times 5 =$	4.0
3	$0.03 \times 3 =$	0.09	25	$0.08 \times 5 =$	0.40
4	$3 \times 2 =$	6	26	$0.06 \times 5 =$	0.30
5	$0.3 \times 2 =$	0.6	27	$0.06 \times 3 =$	0.18
6	$0.03 \times 2 =$	0.06	28	$0.6 \times 5 =$	3.0
7	$2 \times 2 =$	4	29	$0.06 \times 2 =$	0.12
8	$0.2 \times 2 =$	0.4	30	$0.06 \times 7 =$	0.42
9	$0.02 \times 2 =$	0.04	31	$0.9 \times 6 =$	5.4
10	$5 \times 3 =$	15	32	$0.06 \times 9 =$	0.54
11	$0.5 \times 3 =$	1.5	33	$0.09 \times 9 =$	0.81
12	$0.05 \times 3 =$	0.15	34	$0.8 \times 8 =$	6.4
13	$0.04 \times 3 =$	0.12	35	$0.07 \times 7 =$	0.49
14	$0.4 \times 3 =$	1.2	36	$0.6 \times 6 =$	3.6
15	$4 \times 3 =$	12	37	$0.05 \times 5 =$	0.25
16	$5 \times 5 =$	25	38	$0.6 \times 8 =$	4.8
17	$0.5 \times 5 =$	2.5	39	$0.07 \times 9 =$	0.63
18	$0.05 \times 5 =$	0.25	40	$0.8 \times 3 =$	2.4
19	$7 \times 4 =$	28	41	$0.09 \times 6 =$	0.54
20	$0.7 \times 4 =$	2.8	42	$0.5 \times 7 =$	3.5
21	$0.07 \times 4 =$	0.28	43	$0.12 \times 4 =$	0.48
22	$0.9 \times 4 =$	3.6	44	$0.12 \times 9 =$	1.08

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Lesson 11:

Multiply decimal fractions by multi-digit whole numbers through conversion to a whole number problem and reasoning about the placement of the decimal.

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B Improvement _____ # Correct _____

Multiply.

1	$2 \times 2 =$	4	23	$6 \times 5 =$	30
2	$0.2 \times 2 =$	0.4	24	$0.6 \times 5 =$	3
3	$0.02 \times 2 =$	0.04	25	$0.06 \times 5 =$	0.3
4	$4 \times 2 =$	8	26	$0.08 \times 5 =$	0.40
5	$0.4 \times 2 =$	0.8	27	$0.08 \times 3 =$	0.24
6	$0.04 \times 2 =$	0.08	28	$0.8 \times 5 =$	4
7	$3 \times 3 =$	9	29	$0.08 \times 2 =$	0.16
8	$0.3 \times 3 =$	0.9	30	$0.08 \times 7 =$	0.42
9	$0.03 \times 3 =$	0.09	31	$0.9 \times 8 =$	7.2
10	$4 \times 3 =$	12	32	$0.08 \times 9 =$	0.72
11	$0.4 \times 3 =$	1.2	33	$0.9 \times 9 =$	8.1
12	$0.04 \times 3 =$	0.12	34	$0.08 \times 8 =$	0.64
13	$0.05 \times 3 =$	0.15	35	$0.7 \times 7 =$	4.9
14	$0.5 \times 3 =$	1.5	36	$0.06 \times 6 =$	0.36
15	$5 \times 3 =$	15	37	$0.5 \times 5 =$	2.5
16	$4 \times 4 =$	16	38	$0.06 \times 8 =$	0.48
17	$0.4 \times 4 =$	1.6	39	$0.7 \times 9 =$	6.3
18	$0.04 \times 4 =$	0.16	40	$0.08 \times 3 =$	0.24
19	$8 \times 4 =$	32	41	$0.9 \times 6 =$	5.4
20	$0.8 \times 4 =$	3.2	42	$0.05 \times 7 =$	0.35
21	$0.08 \times 4 =$	0.32	43	$0.12 \times 6 =$	0.72
22	$0.6 \times 4 =$	2.4	44	$0.12 \times 8 =$	0.96

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Name _____

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1. Estimate the product. Solve using the standard algorithm. Use the thought bubbles to show your thinking. (Draw an area model on a separate sheet if it helps you.)

a. $1.38 \times 32 \approx 1 \times 30 = 30$

b. $3.55 \times 89 \approx 4 \times 90 = 360$

Think: 138
(1.38×100)

355

$$\begin{array}{r} \times 32 \\ 376 \\ + 4140 \\ \hline 4416 \end{array} \xrightarrow{\div 100} 44.16$$

$$\begin{array}{r} \times 89 \\ 3195 \\ + 28400 \\ \hline 31595 \end{array} \xrightarrow{\div 100} 315.95$$

Think! 4416 is 100 times too large! What is the real product?

$1.38 \times 32 = 44.16$

$3.55 \times 89 = 315.95$

2. Solve using the standard algorithm.

a. 5.04×8

$$\begin{array}{r} 5.04 \\ \times 8 \\ \hline 40.32 \end{array}$$

b. 147.83×67

$$\begin{array}{r} 147.83 \\ \times 67 \\ \hline 103481 \\ + 886980 \\ \hline 9904.61 \end{array}$$

c. 83.41×504

$$\begin{array}{r} 83.41 \\ \times 504 \\ \hline 33364 \\ + 4170500 \\ \hline 42038.64 \end{array}$$

d. 0.56×432

$$\begin{array}{r} 432 \\ \times 0.56 \\ \hline 2592 \\ + 21600 \\ \hline 241.92 \end{array}$$

3. Use the whole number product and place value reasoning to place the decimal point in the second product. Explain how you know.

a. If $98 \times 768 = 75,264$ then $98 \times 7.68 = \underline{752.64}$
 In the second problem you are multiplying by hundredths so you just divide the first product by 100.

b. If $73 \times 1,563 = 114,099$ then $73 \times 15.63 = \underline{1140.99}$
 The second product would be $\frac{1}{100}$ of the first product

c. If $46 \times 1,239 = 56,994$ then $46 \times 123.9 = \underline{5699.4}$
 The second product is $\frac{1}{10}$ of the first product

4. Jenny buys 22 pens that cost \$1.15 each and 15 markers that cost \$2.05 each. How much will Jenny spend?

$(22 \times 1.15) + (15 \times 2.05)$
 $25.30 + 30.75$
 Jenny will spend $\rightarrow \$56.05$

1.15	2.05
$\times 22$	$\times 15$
230	1025
2300	2050
<hr/>	<hr/>
\$25.30	\$30.75

5. A living room measures 24 feet by 15 feet. An adjacent square dining room measures 13 feet on each side. If carpet costs \$6.98 per square foot, what is the total cost of putting carpet in both rooms?

24	13
$\times 15$	$\times 13$
120	39
+240	+130
<hr/>	<hr/>
360 sq ft	169 sq ft

360
 $+169$

 529 sq ft

6.98
$\times 529$
6282
13960
+349000
<hr/>
\$3692.42

It will cost \$3692.42 to carpet both rooms



Lesson 11:
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Multiply decimal fractions by multi-digit whole numbers through conversion to a whole number problem and reasoning about the placement of the decimal.



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Use estimation and place value reasoning to give the missing product. Explain how you know.

1. If $647 \times 63 = 40,761$ then $6.47 \times 63 = \underline{407.61}$

6.47 would be like 647 (hundredths) so just divide by 100.

2. Solve using the standard algorithm.

a. 6.13×14

$$\begin{array}{r} 6.13 \\ \times 14 \\ \hline 2452 \\ + 6130 \\ \hline 85.82 \end{array}$$

b. 104.35×34

$$\begin{array}{r} 104.35 \\ \times 34 \\ \hline 41740 \\ 313050 \\ \hline 3547.90 \end{array}$$

Name _____

Date _____

1. Estimate the product. Solve using the standard algorithm. Use the thought bubbles to show your thinking. (Draw an area model on a separate sheet if it helps you.)

a. $2.42 \times 12 \approx 2 \times 10 = 20$

b. $4.13 \times 37 \approx 4 \times 40 = 160$

Think: 242
(2.42×100)

2.42

Think 413
(4.13×100)

4.13

$$\begin{array}{r} \times 12 \\ 484 \\ 2420 \\ \hline 2904 \end{array}$$

$2904 \div 100 = 29.04$

$$\begin{array}{r} \times 37 \\ 2891 \\ 12390 \\ \hline 15281 \end{array}$$

$15281 \div 100 = 152.81$

Think! 2904 is 100 times too large! What is the real product?

15,281 is 100x too large

$2.42 \times 12 = 29.04$

$4.13 \times 37 = 152.81$

2. Solve using the standard algorithm.

a. 2.03×13

$$\begin{array}{r} 2.03 \\ \times 13 \\ \hline 609 \\ 2030 \\ \hline 2639 \end{array}$$

c. 371.23×53

$$\begin{array}{r} 371.23 \\ \times 53 \\ \hline 111369 \\ 1856150 \\ \hline 19675.19 \end{array}$$

b. 53.16×34

$$\begin{array}{r} 53.16 \\ \times 34 \\ \hline 21264 \\ 159480 \\ \hline 1807.44 \end{array}$$

d. 1.57×432

$$\begin{array}{r} 1.57 \\ \times 432 \\ \hline 314 \\ 4710 \\ 62800 \\ \hline 678.24 \end{array}$$



Lesson 11:

Multiply decimal fractions by multi-digit whole numbers through conversion to a whole number problem and reasoning about the placement of the decimal.

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2.C.23

3. Use the whole number product and place value reasoning to place the decimal point in the second product. Explain how you know.

a. If $36 \times 134 = 4,824$ then $36 \times 1.34 = \underline{48.24}$

b. If $84 \times 2,674 = 224,616$ then $84 \times 26.74 = \underline{2246.16}$

c. $19 \times 3,211 = 61,009$ then $321.1 \times 19 = \underline{6100.9}$

I know because I divided by 100 (a+b) or 10 (c).

4. A slice of pizza costs \$1.57. How much does 27 slices cost?

$$\begin{array}{r} \$1.57 \\ \times 27 \\ \hline 1099 \\ + 3140 \\ \hline \$42.39 \end{array}$$

5. A spool of ribbon holds 6.75 meters. If the craft club buys 21 spools:

a. What is the total cost if the ribbon sells for \$2 per meter?

$$\begin{array}{r} 6.75 \\ \times 21 \\ \hline 675 \\ + 13500 \\ \hline 14175 \end{array}$$

141.75 m \times \$2

$$\begin{array}{r} 141.75 \\ \times 2 \\ \hline \$283.50 \end{array}$$

b. If the club uses 76.54 meters to complete a project, how much ribbon will be left?

$$\begin{array}{r} 141.75 \\ - 76.54 \\ \hline 65.21 \text{ m left} \end{array}$$

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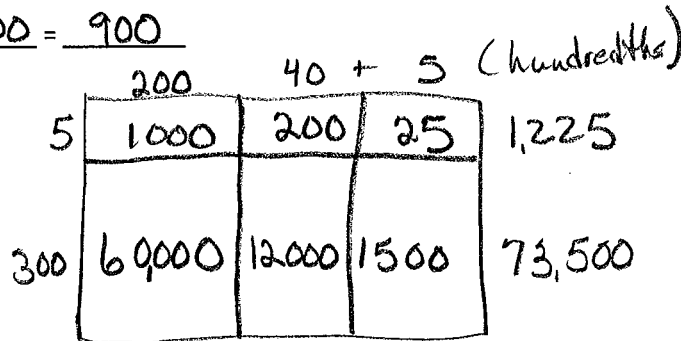
1. Estimate, and then solve using the standard algorithm. You may draw an area model if it helps you.

a. $1.21 \times 14 \approx \underline{1} \times \underline{14} = \underline{14}$

$$\begin{array}{r} 1.21 \\ \times 14 \\ \hline 484 \\ 1210 \\ \hline 16.94 \end{array}$$

b. $2.45 \times 305 \approx \underline{3} \times \underline{300} = \underline{900}$

$$\begin{array}{r} 2.45 \\ \times 305 \\ \hline 1225 \\ 73500 \\ \hline 747.25 \end{array}$$



2. Estimate, and then solve using the standard algorithm. Use a separate sheet to draw the area model if it helps you.

a. $1.23 \times 12 \approx 1 \times 12 = 12$

$$\begin{array}{r} 1.23 \\ \times 12 \\ \hline 246 \\ 1230 \\ \hline 14.76 \end{array}$$

b. $1.3 \times 26 \approx 1 \times 30 = 30$

$$\begin{array}{r} 1.3 \\ \times 26 \\ \hline 78 \\ 260 \\ \hline 33.8 \end{array}$$

c. 0.23×14

$$\begin{array}{r} 0.23 \\ \times 14 \\ \hline 92 \\ 230 \\ \hline 3.22 \end{array}$$

d. 0.45×26

$$\begin{array}{r} 0.45 \\ \times 26 \\ \hline 270 \\ 900 \\ \hline 11.70 \end{array}$$

$$\approx 7 \times 30 = 210$$

e. 7.06×28

$$\begin{array}{r} 7.06 \\ \times 28 \\ \hline 5648 \\ 14120 \\ \hline 19768 \end{array}$$

g. 7.06×208

$$\approx 7 \times 200 = 1400$$

$$\begin{array}{r} 7.06 \\ \times 208 \\ \hline 5648 \\ 141200 \\ \hline 146848 \end{array}$$

$$\approx 6 \times 200 = 1200$$

f. 6.32×223

$$\begin{array}{r} 6.32 \\ \times 223 \\ \hline 1896 \\ 12640 \\ 126400 \\ \hline 1409.36 \end{array}$$

h. 151.46×555

$$\approx 200 \times 600 = 120000$$

$$\begin{array}{r} 151.46 \\ \times 555 \\ \hline 75730 \\ 757300 \\ 7573000 \\ \hline 8406030 \end{array}$$

3. Denise walks on the beach every afternoon. In the month of July she walked 3.45 miles each day. How far did Denise walk during the month of July?

$$\begin{array}{r} 3.45 \\ \times 31 \\ \hline 345 \\ 10350 \\ \hline 106.95 \end{array}$$

Denise walked 106.95 miles in July

4. A gallon of gas costs \$4.34. Greg puts 12 gallons of gas in his car. He has a 50-dollar bill. Tell how much money Greg will have left, or how much more money he will need. Show all your calculations.

$$\begin{array}{r} 4.34 \\ \times 12 \\ \hline 868 \\ 4340 \\ \hline 52.08 \end{array}$$

It costs \$52.08. He will need \$2.08 more

5. Seth drinks a glass of orange juice every day that contains 0.6 grams of Vitamin C. He eats a serving of strawberries for snack after school every day that contains 0.35 grams of Vitamin C. How many grams of Vitamin C does Seth consume in 3 weeks?

$$\begin{array}{r} 0.6 \\ + 0.35 \\ \hline 0.95 \end{array}$$

$$\begin{array}{r} 0.95 \\ \times 21 \\ \hline 95 \\ 1900 \\ \hline 19.95 \end{array}$$

Seth consumes 19.95g of Vitamin C in 3 weeks.

Name _____

Date _____

Find the product using the standard algorithm.

a. 3.03×402

b. 667×1.25

$$\begin{array}{r}
 3.03 \\
 \times 402 \\
 \hline
 606 \\
 121200 \\
 \hline
 1218.06
 \end{array}$$

$$\begin{array}{r}
 667 \\
 \times 1.25 \\
 \hline
 3335 \\
 13340 \\
 66700 \\
 \hline
 833.75
 \end{array}$$



Name _____

Date _____

1. Estimate, and then solve using the standard algorithm. You may draw an area model if it helps you.

a. $24 \times 2.31 \approx \underline{20} \times \underline{2} = \underline{60}$

$$\begin{array}{r} 2.31 \\ \times 24 \\ \hline 924 \\ 4620 \\ \hline 5544 \end{array}$$

b. $5.42 \times 305 \approx \underline{5} \times \underline{300} = \underline{1500}$

$$\begin{array}{r} 5.42 \\ \times 305 \\ \hline 2710 \\ 162600 \\ \hline 165310 \end{array}$$

2. Estimate, and then solve using the standard algorithm. Use a separate sheet to draw the area model if it helps you.

a. $1.23 \times 21 \approx 1 \times 20 = 20$

$$\begin{array}{r} 1.23 \\ \times 21 \\ \hline 123 \\ 2460 \\ \hline 2583 \end{array}$$

c. $0.32 \times 41 \approx 1 \times 40 = 40$

$$\begin{array}{r} 0.32 \\ \times 41 \\ \hline 32 \\ 1280 \\ \hline 1312 \end{array}$$

b. $3.2 \times 41 \approx 3 \times 40 = 120$

$$\begin{array}{r} 3.2 \\ \times 41 \\ \hline 32 \\ 1280 \\ \hline 1312 \end{array}$$

d. $0.54 \times 62 \approx 1 \times 60 = 60$

$$\begin{array}{r} 0.54 \\ \times 62 \\ \hline 108 \\ 3240 \\ \hline 3348 \end{array}$$

e. $6.09 \times 28 = 170.52$
 $6 \times 30 = 18$

$$\begin{array}{r} 6.09 \\ \times 28 \\ \hline 4872 \\ + 12180 \\ \hline 170.52 \end{array}$$

f. $6.83 \times 683 = 4664.89$
 $7 \times 700 = 4900$

$$\begin{array}{r} 6.83 \\ \times 683 \\ \hline 2049 \\ 54640 \\ + 409800 \\ \hline 4664.89 \end{array}$$

g. $6.09 \times 208 = 1266.72$
 $6 \times 200 = 1200$

$$\begin{array}{r} 6.09 \\ \times 208 \\ \hline 4872 \\ + 121800 \\ \hline 1266.72 \end{array}$$

h. $171.76 \times 555 = 95326.80$
 $200 \times 600 = 120000$

$$\begin{array}{r} 171.76 \\ \times 555 \\ \hline 85880 \\ 858800 \\ + 8588000 \\ \hline 95326.80 \end{array}$$

3. Eric walks 2.75 miles to and from work every day for an entire year. How many miles did he walk?

$$\begin{array}{r} 365 \\ \times 2.75 \\ \hline 1825 \\ 25550 \\ + 73000 \\ \hline 1003.75 \end{array}$$

Eric walked 1003.75 miles in the year.

4. Art galleries often price paintings by the square inch. If a painting measures 22.5 inches by 34 inches and costs \$4.15 per square inch, what is the selling price for the painting?

$$\begin{array}{r} 22.5 \\ \times 34 \\ \hline 900 \\ + 6750 \\ \hline 765.0 \text{ sq. in.} \end{array}$$

$$\begin{array}{r} 4.15 \\ \times 765 \\ \hline 2075 \\ 24900 \\ 290500 \\ \hline \$3174.75 \end{array}$$

The painting cost
 \$ 3174.75

5. Gerry spends \$1.25 each day on lunch at school. On Fridays she buys an extra snack for \$0.55. How much money will she spend in two weeks?

$$[(1.25 \times 5) + .55] \times 2$$

$$\begin{array}{r} 1.25 \\ \times 5 \\ \hline 6.25 \\ + .55 \\ \hline \$6.80 \end{array}$$

$$\begin{array}{r} 6.80 \\ \times 2 \\ \hline \$13.60 \end{array}$$

Gerry spent \$13.60 for two weeks of lunch.