

## M2L10 - Multiplication Decimals

One apron cost \$ 12.75

The cost the club must charge for \$1.75 profit  
is \$ 14.50

	fabric	trim
apron	1.25 y	4.5 y
	x 3	x 2

$$(1.25 \times 3) + (4.5 \times 2)$$
$$\$3.75 + \$9.00$$
$$\$12.75$$

$$\begin{array}{r} 1.25 \\ \times 3 \\ \hline 3.75 \\ \\ 4.5 \\ \times 2 \\ \hline 9.0 \end{array}$$

Cost

apron	profit
\$ 12.75	\$ 1.75
12.75 + 1.75	

$$\begin{array}{r} 3.75 \\ + 9.00 \\ \hline 12.75 \end{array}$$

$$= \$14.50$$

## M2L10-multiplying Decimals

### Fluency: Decomposing Decimals

7.463

7 ones 463 thousandths

74 tenths 63 thousandths

746 hundredths 3 thousandths

7463 thousandths

8.972

8 ones 972 thousandths

89 tenths 72 thousandths

897 hundredths 2 thousandths

8972 thousandths

16.849

1 ten 6 ones 849 thousandths

16 ones, 849 thousandths

168 tenths 49 thousandths

1684 hundredths 9 thousandths

16849 thousandths

$43 \times 2.4$

$\approx 40 \times 2 = 80$

$43 \times 24 \text{ tenths}$

	20 + 4 tenths		
3	60	12	= 72
+			
40	800	160	= + 960
			<u>1032 tenths</u>
			= 103.2

$$\begin{array}{r} 24 \text{ tenths} \\ \times 43 \\ \hline .72 \\ + 960 \\ \hline 1032 \text{ tenths} \\ 103.2 \end{array}$$

$15.6 \times 73$

$\approx 20 \times 70 = 1400$

$156 \text{ tenths} \times 73$

	100 + 50 + 6 tenths			
3	300	150	18	= 468
+				
70	7000	3500	420	= 10920
				<u>11388 tenths</u>
				1138.8

$$\begin{array}{r} 156 \text{ tenths} \\ \times 73 \\ \hline .468 \\ + 10920 \\ \hline 11388 \text{ tenths} = 1138.8 \end{array}$$