21.01.20   Fluency in five

1) 46 x 53

2) $\dfrac{2}{3}$ ÷ $\dfrac{1}{6}$ =

3) 82,000 - 47,684 =

4) 1.5 x 3 =

5) 5,064 x 74 =

6) (4 + 3) x 7 =

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1) 7582 - 2219 =

2) 8491 + 94 =

3) 845 x 3 =

4) 210 ÷ 3 =

5) (47 - 13) ÷ 2 =

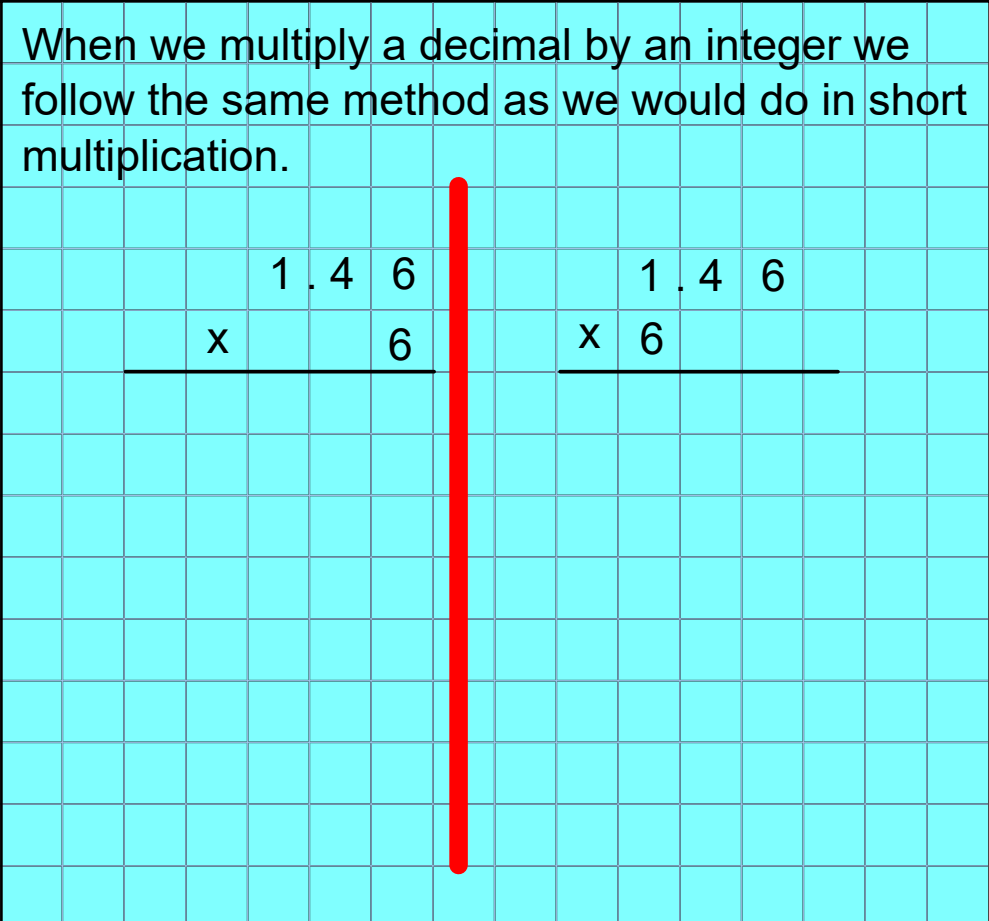# WALT multiply decimals by integers (Fluency)

https://vimeo.com/490690764

Recap of multiplication

143 x 3=

3424 x 7 =

When we multiply a decimal by an integer we follow the same method as we would do in short multiplication.

		1 . 4	6
x			6

	1 . 4	6
x 6		

Try this one

$$3.51$$
$$5$$
_____

Use place value counters to solve the calculations.

a) 3.2 × 3 = [ ]

Ones	Tenths
1 1 1	0.1 0.1
1 1 1	0.1 0.1
1 1 1	0.1 0.1

b) 4.6 × 2 = [ ]

Ones	Tenths
1 1 1 1	0.1 0.1 0.1 0.1 0.1 0.1
1 1 1 1	0.1 0.1 0.1 0.1 0.1 0.1
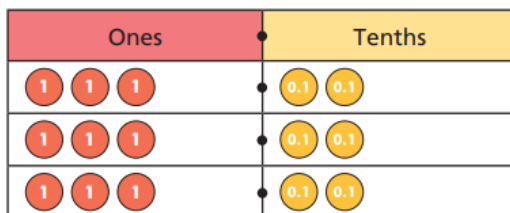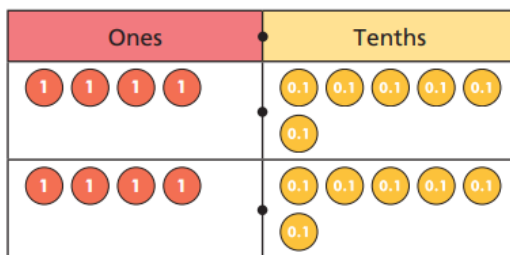
Solve the multiplication. Draw your answer.

12.2 × 3 = ☐

Tens	Ones	Tenths

Work out the multiplications.

a) 5.2 × 4 = ☐

d) ☐ = 2.34 × 3

b) 14.3 × 3 = ☐

e) 11.505 × 4 = ☐

c) 6 × 9.1 = ☐

f) 9.602 × 6 = ☐

Work out the multiplications.

a) 7.2 × 2 = [   ]   b) [   ] = 3.45 × 3

7.2 × 4 = [   ]   [   ] = 34.5 × 3

14.4 × 4 = [   ]   [   ] = 345 × 3

7.2 × 8 = [   ]

Varied Fluency

Use the place value counters to multiply 1.212 by 3
Complete the calculation alongside the concrete representation.

Tens	Ones	•	Tenths	Hundredths	Thousandths
	1		0.1 0.1	0.01	0.001 0.001
	1		0.1 0.1	0.01	0.001 0.001
	1		0.1 0.1	0.01	0.001 0.001

A jar of sweets weighs 1.213 kg.
How much would 4 jars weigh?

Sweets   Sweets   Sweets   Sweets

Rosie is saving her pocket money. Her mum says,

"Whatever you save, I will give you five times the amount."

If Rosie saves £2.23, how much will her mum give her?
If Rosie saves £7.76, how much will her mum give her? How much will she have altogether?