

- 1) What is the fraction for $0.\overline{12}$
2) Where does the decimal go in the answer for the following:

$$23.0 + 1.245 = 24.245$$

- 3) What is a fraction between 0.6 and 0.8
4) 0.6×0.8
5) Temperature at 7AM was 2. By noon it rose 2 °C, then dropped by 10 °C before 3 PM. What was the temperature by 3 PM?

6) 0.2×6

7) What is the median for the data set : 3,4,5,5,11

8) What number is divisible by 5? a) 126 b) 325 c) 854

9) Put a digit at the end of this number to make it divisible by 3

54__

10) $\frac{1}{5}$ of 100

$$4.2 \times 0.3$$

4 0.2

0	0	0
0.3	1.2	0.06

F

$$\begin{array}{r} 1.2 \\ + 0.06 \\ \hline 1.26 \end{array}$$



4.2 x 0.3



$$\begin{array}{r} 3.5 \times 2.1 \\ \hline \begin{array}{|c|c|} \hline 6 & 1.0 \\ \hline 0.3 & 0.05 \\ \hline \end{array} \end{array}$$

Partial products for 3.5×2.1 are shown in a grid. The top row contains 6 and 1.0, and the bottom row contains 0.3 and 0.05. A red horizontal line is drawn above the bottom row, and a red vertical line is drawn to the left of the right column. The numbers 2 and 0.1 are written to the left of the grid, indicating the place values of the rows. The numbers 3 and 0.5 are written below the top row, indicating the place values of the columns.

$$\begin{array}{r} 6.00 \\ 1.00 \\ 0.30 \\ +0.05 \\ \hline 7.35 \end{array}$$

Handwritten addition showing the sum of the partial products: $6.00 + 1.00 + 0.30 + 0.05 = 7.35$.

12. a) Multiply 18×12 .

b) Use only the result from part a and estimation.

Find each product.

i) 1.8×12

ii) 18×0.12

iii) 0.18×12

iv) 0.18×0.12

Explain your strategies.

1,000
2.

i) 216

ii) 2.16

iii) 2.16

iv) 0.216

$$\begin{array}{r}
 18 \times 12 \\
 \hline
 18 \times 10 = 180 \\
 18 \times 2 = +36 \\
 \hline
 216
 \end{array}$$

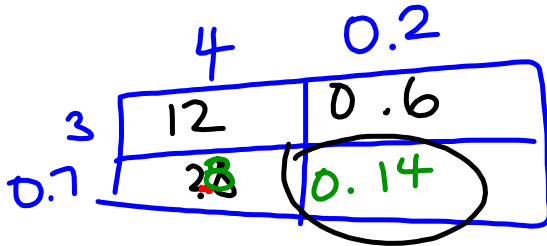
4. Multiply. Use a rectangle model.

a) 4.2×3.7

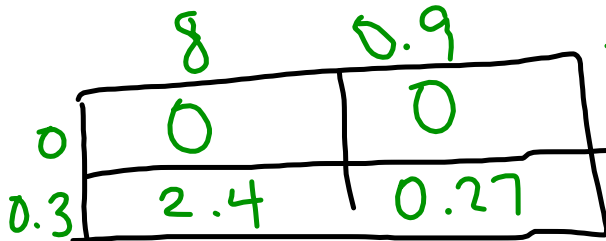
b) 8.9×0.3

c) 0.6×0.9

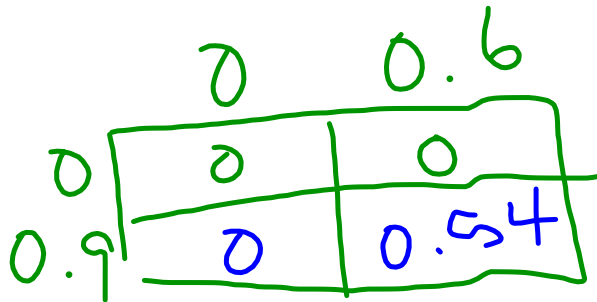
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$$\begin{array}{r}
 12.00 \\
 2.80 \\
 0.60 \\
 + 0.14 \\
 \hline
 15.54
 \end{array}$$



$$\begin{array}{r}
 2.40 \\
 + 0.27 \\
 \hline
 2.67
 \end{array}$$



0.54

5. A rectangular plot of land measures 30.5 m by 5.3 m.
 What is the area of the plot?
 Estimate to check your answer is reasonable.

	30	0.5
5	150	2.5
0.3	9	0.15

$$30 \times 5 = 150$$

$$\begin{array}{r}
 150.00 \\
 + 9.00 \\
 2.50 \\
 0.15 \\
 \hline
 161.65
 \end{array}$$

The area of land
 measures 161.65 m^2

6. Multiply. Describe any patterns you see.

a) 8.36×10

b) 8.36×0.1

8.36×100

8.36×0.01

8.36×1000

8.36×0.001

$8.36 \times 10\,000$

8.36×0.0001

0. 24

1.2×0.2

$.12 \times 0.2$

10. 103 Bang
 9 ¹⁰ 10, (11)
 13 a, b

1.9 x 2.3

↑
Exit

7. **Assessment Focus** An area rug is rectangular. Its dimensions are 3.4 m by 2.7 m. Show different strategies you can use to find the area of the rug. Which strategy is best? Justify your answer.

- 11.** The product of 2 decimals is 0.36.
What might the decimals be?
Find as many answers as you can.

$$0.\underset{\smile}{4} \times 1.\underset{\smile}{7} = 0.\overset{\circ}{68}$$

$$\overset{\circ}{1.9 \times 2.3}$$

Review sheets....

$$\overset{\circ}{1.34} \times 0.\overset{\circ}{97} = 1.\underline{2998}$$

$$1.\underset{\smile}{43} \times 0.\underset{\smile}{9} = 1.\underline{287}$$