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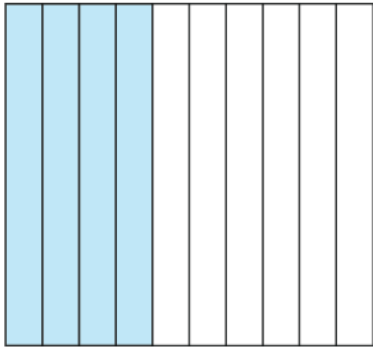
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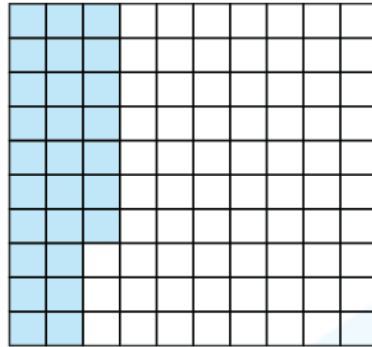
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## Multiplying Decimals by whole numbers Worksheet 2

1) Find the product of the decimal numbers represented by the grids shown below.



0.4



0.27

2) Which of the following products is correct?

- a)  $0.1 \times 2 = 2.1$
- b)  $0.02 \times 10 = 2$
- c)  $2.2 \times 100 = 22$

3) Choose any two numbers from the list shown below such that their product is 0.36

0.2, 0.7, 1.8, 1.9, 2.1

4) Find the perimeter of a square with side length 61.54 inches.

5) Find the indicated product.

$$4 \times 35.7 = \underline{\hspace{2cm}}$$

6) Match column 1 with their respective products in column 2.

a) $1.5 \times 10$	i) 0.15
b) $150 \times 0.001$	ii) 0.015
c) $15 \times 0.01$	iii) 15

7) Which of the following products is correct?

a)  $5.7 \times 100 = 57$

b)  $57 \times 0.1 = 5.7$

c)  $0.01 \times 57 = 0.057$

8) Which is greater?

$45.3 \times 35$  OR  $39.68 \times 58$

9) Use the symbols shown below to make the statements true.



a)  $4 \times 3.2$  \_\_\_  $1.2$

b)  $8.5$  \_\_\_  $4.5 \times 19$

10) Choose any two numbers from the list shown below such that their product is 1.46

0.7   7.3   2.9   0.2

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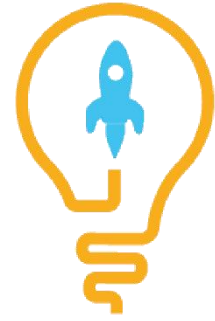
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"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

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**ANSWERS**

1)	0.108
2)	b)
3)	0.2 and 1.8
4)	246.16 inches
5)	142.8
6)	a) - iii), b) - ii), c) - i)
7)	b) $57 \times 0.1 = 5.7$
8)	$39.68 \times 58$
9)	a) $>$ , b) $<$
10)	7.3 and 0.2

## FUN FACT

1. A decimal number system is used to express the whole number and fraction together.
2. All fractions can be written as a decimal number.
3. The digits to the right of the decimal point represents the fractional part of a decimal number.

