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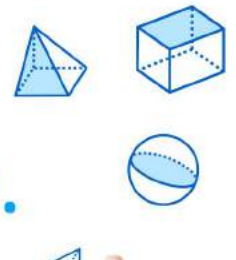

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Multiplying Decimals Worksheets 5th Grade

Q1) Match column 1 with their respective products in column 2.

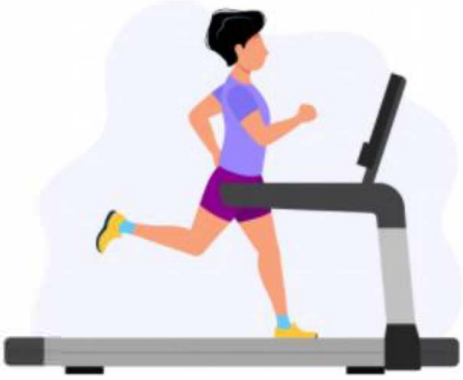
a) 1.2 × 10	i) 1.2
b) 0.12 × 1000	ii) 12
c) 0.012 × 100	iii) 120

Q2) Find the product of 2.4 and 59.4

Q3) Fill the correct decimal number in the box.

$$\begin{array}{r} 0.86 \\ \times \quad 6.98 \\ \hline \square \end{array}$$

Q4) Tim is running on a treadmill which is set to 6.4 miles per hour. How much distance will he be able to cover in 5 hours?



Q5) Which of the following products is correct?

a) 0.01 × 100 = 10
b) 0.1 × 10 = 1
c) 1.1 × 100 = 11

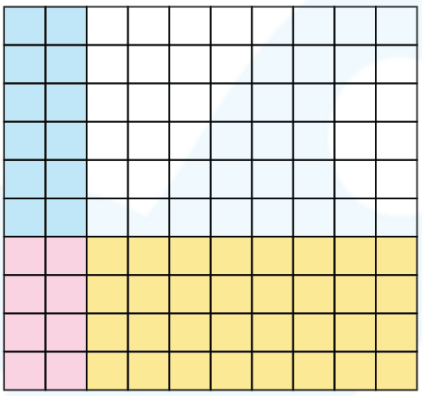
Q6) Fill in the blank with a correct decimal number. 42.6*12.1 =

Q7) Find the area of a rectangle whose length and breadth are 32.8 units and 26.9 units respectively.

Q8) Choose any two numbers from the list shown below such that their product is 0.24

0.4, 0.5, 0.6, 0.7

Q9) Use the following grid to complete the multiplication equation ____ × 0.4 = 0.08



Q10) Fill the missing money amount.

$$\begin{array}{r} 4.36 \\ \times \quad \$71.83 \\ \hline \$\square \end{array}$$

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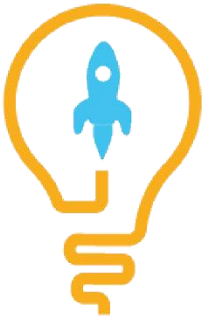

ANSWERS

1)	a) - ii), b) - iii), c) - i)
2)	142.56
3)	6.0028
4)	32 miles
5)	b) $0.1 \times 10 = 1$
6)	515.46
7)	882.32 $unit^2$
8)	0.4 and 0.6
9)	0.2
10)	$313.1788

FUN FACT

1. Decimals were even adopted to the counting system by the Egyptians. By around 1500, almost all professional mathematicians accepted decimals and thus they became an integral part of the counting system around the world.

2. Multiplication of decimal numbers with whole numbers is similar to the multiplication of whole numbers, the only difference being in the placement of the decimal point.

3. We move the decimal point to the right side by as many places as there are zeros over 1 to multiply any decimal number with powers of 10.