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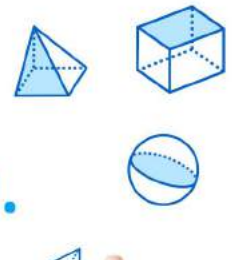

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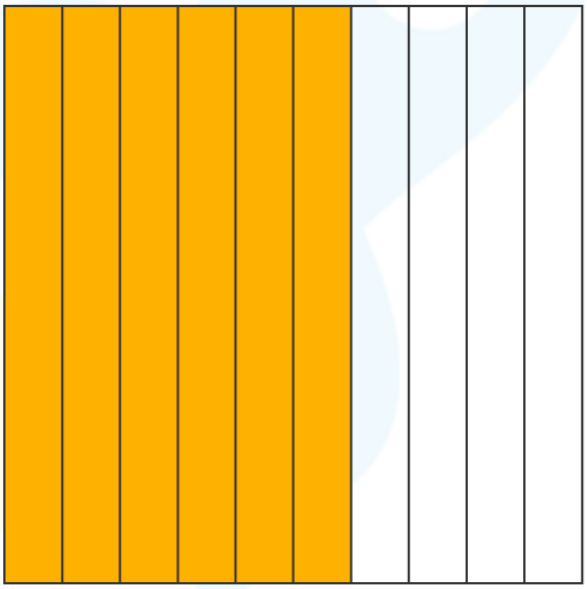
DECIMAL TO PERCENT WORKSHEET-II

1) Match the decimals in column 1 with their equivalent percentages in column 2.

Decimal	Percentage
a) 1.6	i) 1600%
b) 16	ii) 160%
c) 0.16	iii) 16%

2) Write the decimal represented in the following model as a percentage.



3) Express the following decimals as percentage.
   a) 0.18
   b) 1.7

4) Which of the following percentages is equal to 0.04?
   a) 0.4%
   b) 40%
   c) 4%
   d) None of the above

5) Which decimal from the following list represents 35%?

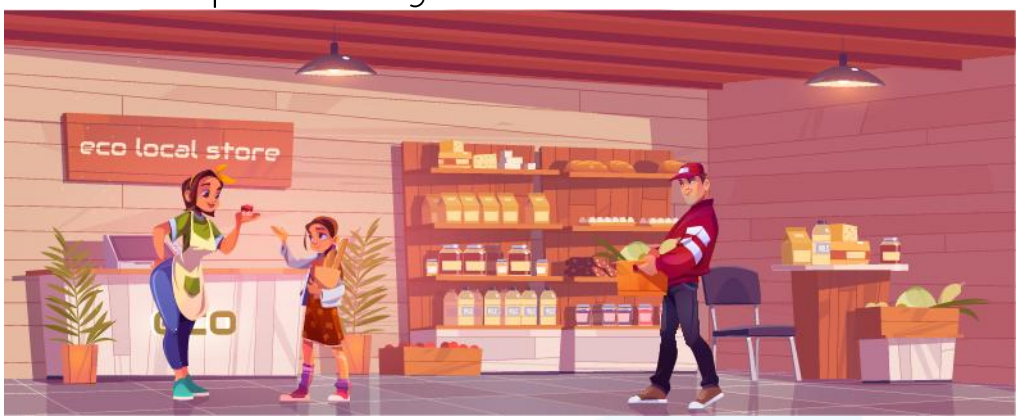
3.5	35.0	0.35	0.035

6) Fill in the blank:
To change a decimal to a percent you multiply by _____.

7) Jennifer adds 0.75 gallon of strawberry concentrate to prepare 1 gallon of jam. What percent of concentrate is present in the jam?

8) The probability of Jack's team winning the cricket match is 0.2. Find the percentage probability that they will win.

9) Liam went to grocery shopping. He was offered a discount of $2.5 on a shopping of worth $50. Calculate the percentage discount.



10) State whether true or false:
The percentage equivalent of 1.4 is 14%.

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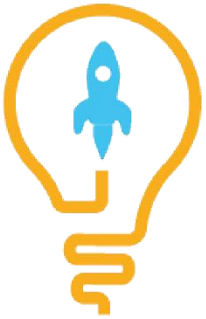

ANSWERS

1)	a)--ii); b)--i); c)--iii)
2)	60%
3)	a) 18% b)170%
4)	c)
5)	0.35
6)	100
7)	75%
8)	20%
9)	5%
10)	False

FUN FACT

1. Decimal numbers can be converted to a percentage by multiplication with 100.

2. We can represent decimal numbers using Base-10 blocks (flats, rods, and blocks). A flat represents one whole unit, a rod one-tenth of the whole, and a block one-hundredth of the whole.

3. All decimal numbers can be converted to a fraction.