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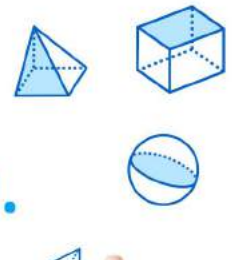

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PERCENT TO DECIMAL WORKSHEET-II

1) Express the following percentages as decimals.
   a) 45%
   b) 65%

2) Which of the following decimals is equal to 55%?
   a) 5.5
   b) 0.55
   c) 0.055
   d) None of the above

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

Decimal	Percentage
a) 1.8	i) 1800%
b) 18	ii) 180%
c) 0.18	iii) 18%

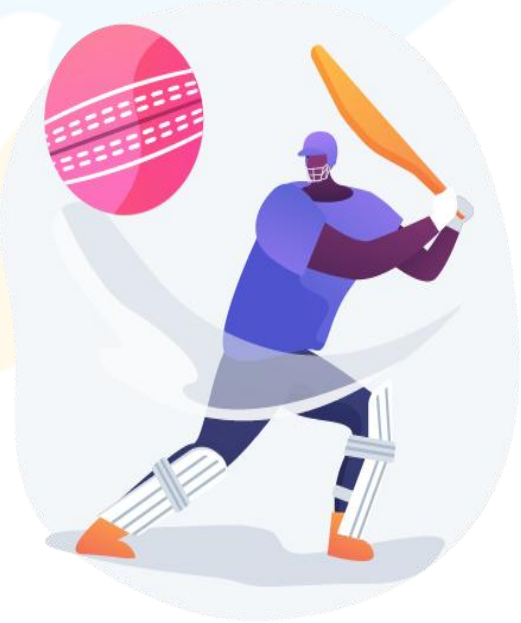
4) Which percentage from the following list represents the decimal 7.5?

75% 750% 7.5% 0.75%

5) Fill in the blanks:
   To change a percentage to a decimal you divide by _____.

6) Jennifer adds 75% strawberry concentrate to prepare 1 gallon of jam. Find the quantity of strawberry concentrate in the jam.

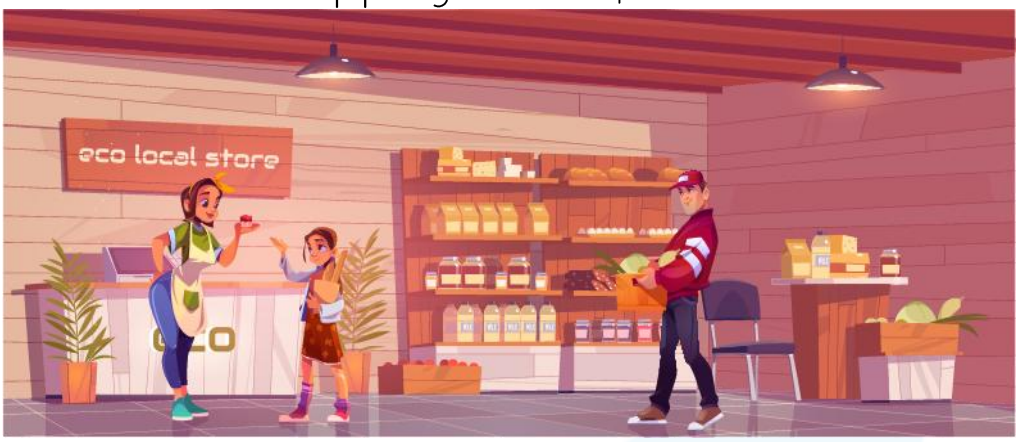
7) There are 74% chances of Jack's team winning the Cricket match. Find the probability that they will win.



8) Find the missing number:

$\frac{10}{100} + \frac{?}{100} = 0.8$

9) Jamie went to grocery shopping. He was offered a percent discount of 9.9%. Calculate the discount he availed for a shopping worth $100.



10) State whether true or false:
The decimal equivalent of 14% is 0.14.

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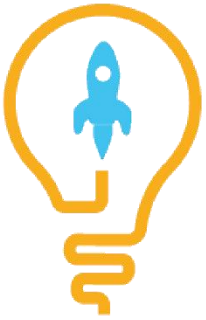

ANSWERS

1)	a) 0.45 b)0.65
2)	b)
3)	a)--ii); b)--i); c)--iii)
4)	750%
5)	100
6)	0.75 gallon
7)	0.74
8)	70
9)	$9.9
10)	True

FUN FACT

1. All decimal numbers can be converted to a percentage and vice-versa.

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.