∞BISMILLAAHIRRAHMAANIRRAHIIM∞

PERCENTAGES

Goal of teaching

The students are able to :

- Understand percentage as the number of part in every 100
- Express parts of a whole as a percentage.
- Find percentages of shapes and whole numbers

Percent (%)

Amin has 100 marbles. He gives 50 marbles to Aldi.

Since 50 out of 100 are given to Aldi, we can say that 50% of the marble are given away to Aldi.

% stands for percent and it means "out of 100".

So, 50% means 50 out of 100.

Exercise

1. Express each of the following as a percentage.

   a. 17 out of 100 _____ % b. 33 out of 100 ____ %

   c. 46 out of 100 _____ % d. 97 out of 100 _____ %

2. There were 100 mangoes. If 52 of them were ripe, what percentage of the mangoes that are ripe? _____ %

3. Azka had $100. If she spent $36, what percentage of her money did she spend? _____ %

4. Amin has 100 stamps. If 65 of them are local stamps. What percentage of the stamps is local stamps? ____ %

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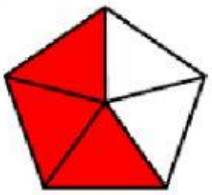
Try more…

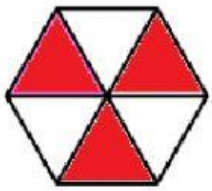
1. What percentage of each figure is shaded?

a.



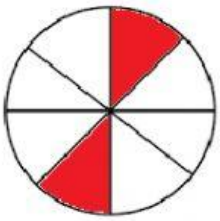
____ %

b.



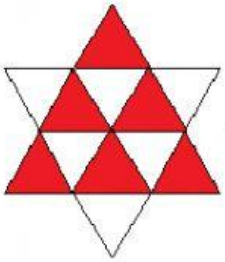
____ %

c.



____ %

d.



____ %

2. Find the value of each of the following.

a. 10% of 300 _____

b. 25% of 40 _____

b. 50% of 1400 km _____km

d. 75% of 200 g _____ g

3. Mr. Afandi had $1500. He spent 30% of his money on a wallet.

How much did the wallet cost? $_____

4. Rozy had $300. He spent 4% of his money on a cap.

How much money did Rozy have left? $ _____

5. A baker had a sack of sugar of mass 6 kg. She uses 75% ofit to bake a cake.

How many gram of sugar did the baker have left? _____ grams

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