Decimals and Percentages Part 6

Exercise Worksheet 4.6

1. Convert the following decimals to percentages:

   i. 0.90

   ii. 0.94

   iii. 0.47

   iv. 1.29

   v. 0.39

   vi. 0.47

   vii. 0.76

   viii. 1.36

   ix. 0.88

   x. 0.44

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2. Write the following fractions as percentages to the nearest whole number:

    i. $\dfrac{49}{100}$

    ii. $\dfrac{91}{100}$

    iii. $\dfrac{13}{100}$

    iv. $\dfrac{33}{100}$

    v. $\dfrac{16}{25}$

    vi. $\dfrac{79}{100}$

    vii. $\dfrac{9}{25}$

    viii. $\dfrac{39}{50}$

    ix. $\dfrac{31}{50}$

    x. $\dfrac{51}{100}$

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3. Write the following percentages as a decimal:

      i.   0.29

      ii.   0.6

      iii.   0.84

      iv.   0.48

      v.   0.43

      vi.   0.15

      vii.   0.22

      viii.   0.78

      ix.   0.65

      x.   0.61

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4. Solve the following real life problems:

i. Ali has 4500 Rupees. He gives 1500 Rupees to his sister. What percentage did he give to his sister? Give your answer to the nearest whole number.

ii. A woman's monthly income is 11000 Rupees. If she spends 9500 Rupees, what percentage of his income is he saving? Give your answer to the nearest tenth.

iii. I have typed 35% of my hand written notes. If I have 80 pages to type altogether then how many pages have I typed?

iv. The total length of a flag pole is 35 metres. Suppose that the length of the pole inside the ground is 1.5 metres. What is the percentage of the flag pole above the ground? Give your answer to the nearest whole number

v. A man wins 20,000 Rupees in a competition. He gives 15% of the amount to each of his two children. He also gives 25% of the amount to his wife.
How much does he give away altogether?