

# Money Word Problems

Answer the following questions.

1. Carla and Paul went to the cinema. They bought some sweets that cost 46 cent per 100g. They got 750g between them. How much did they pay for their sweets?
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2. If a shopkeeper bought a box of 75 apples for €37.50 and sold the apples for 65cent each, how much profit did the shopkeeper make:

(i) Per apple?

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(ii) Altogether?

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3. If 1.5m of ribbon costs €5.25. How much would it cost for:

(i) 1 meter of ribbon?

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(ii) 5 meters of ribbon?

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(iii) 2.5 meters of ribbon?

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4. On a car journey of 120km a car averages 6km to a litre of diesel. How much did the journey cost if diesel costs €1.29 a litre?
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5. A television costs €864. The shop is running a special offer, 20% off the television if you buy a television stand worth €50.

(i) What is the cost of the television when the 20% is deducted?

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(ii) What is the total cost of the special offer?

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(iii) How much money would the customer save by opting for the special offer?

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6. The cost of servicing a car is €150 excluding VAT. The rate of VAT is 12%. What is the total cost of servicing a car including VAT?

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7. The rate of VAT is 15% on all the following items, calculate the total cost of each item.

Product	Cost (excluding VAT)	Cost (Including VAT)
Toaster	€35	
Table and chairs	€1,800	
Car	€10,500	
Chocolate Bar	€1.20	

8. Which option is better value for money?

(i) 1 chocolate bar for €0.97 or 10 chocolate bars for €10.80?

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(ii) 1 Christmas decoration for €2.30 or 5 Christmas decorations for €10.50?

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(iii) A 750g box of cereal for €4.50 or A 500g box of cereal with 25% extra free for €5?

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9. If €1 = £0.90, what would €10 be worth in pounds sterling?

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10. If €1 = \$1.25, what would €15 be worth in US dollars?

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# Money Word Problems **Answers**

Answer the following questions.

1. Carla and Paul went to the cinema. They bought some sweets that cost 46 cent per 100g. They got 750g between them. How much did they pay for their sweets?

**€3.45**

2. If a shopkeeper bought a box of 75 apples for €37.50 and sold the apples for 65cent each, how much profit did the shopkeeper make:

(i) Per apple?

**15 cent**

(ii) Altogether?

**€11.25**

3. If 1.5m of ribbon costs €5.25. How much would it cost for:

(i) 1 meter of ribbon?

**€3.50**

(ii) 5 meters of ribbon?

**€17.50**

(iii) 2.5 meters of ribbon?

**€8.75**

4. On a car journey of 120km a car averages 6km to a litre of diesel. How much did the journey cost if diesel costs €1.29 a litre?

**€25.80**

5. A television costs €864. The shop is running a special offer, 20% off the television if you buy a television stand worth €50.

(i) What is the cost of the television when the 20% is deducted?

**€691.20**

(ii) What is the total cost of the special offer?

**€741.20**

(iii) How much money would the customer save by opting for the special offer?

**€122.80**

6. The cost of servicing a car is €150 excluding VAT. The rate of VAT is 12%. What is the total cost of servicing a car including VAT?

**€162.50**

7. The rate of VAT is 15% on all the following items, calculate the total cost of each item.

Product	Cost (excluding VAT)	Cost (Including VAT)
Toaster	€35	<b>€32</b>
Table and chairs	€1,800	<b>€1,920</b>
Car	€10,500	<b>€11,200</b>
Chocolate Bar	€1.20	<b>€1.28</b>

8. Which option is better value for money?

(i) 1 chocolate bar for €0.97 or 10 chocolate bars for €10.80?

**1 chocolate bar for €0.97**

(ii) 1 Christmas decoration for €2.30 or 5 Christmas decorations for €10.50?

**5 Christmas decorations for €10.50**

(iii) A 750g box of cereal for €4.50 or A 500g box of cereal with 25% extra free for €5?

**A 750g box of cereal for €4.50**

9. If €1 = £0.90, what would €10 be worth in pounds sterling?

**€9**

10. If €1 = \$1.25, what would €15 be worth in US dollars?

**€18.75**