

Test Paper - 2

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c. Which is better buy and why?

① Two note books for £30 or 3 note books for £39

Cost of two note books = £30

Cost of one note book = $£30 \div 2 = £15$

Cost of 3 note books = £39

Cost of one note book = $£39 \div 3 = £13$

As $£13 < £15$

so 3 note books for £39 is better buy.

② 5 eggs for £20

Cost of one egg = $£20 \div 5 = £4.00$

Cost of 4 eggs for £18

Cost of one egg = $£18 \div 4$
 $= £4.50$

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As $£4.00 < £4.50$

so 5 eggs for £20 is the better buy.

③ Cost of 9 mugs = £90

Cost of one mug = $£90 \div 9 = £10$

Cost of 3 mugs = £27

Cost of one mug = $£27 \div 3 = £9$

Teacher's Signature _____

As $₹9 < ₹10$
So 3mags for 227 is better buy.

Solve the following: -

Amount of the books Abhay bought = ₹127.50
Amount the shopkeeper returned = ₹73.50

Required amount shopkeeper gave = ₹201.00

Ans. Abhay gave ₹201.00 to the shopkeeper.

② opening time of the bank = 9.30 a.m.
closing time of the bank = 4.00 p.m.

Duration of the bank = 9.30 a.m. $\xrightarrow{30\text{ minutes}}$ 10.00 a.m.
10.00 a.m. $\xrightarrow{2\text{ hours}}$ 12 noon $\xrightarrow{1\text{ hour}}$ 1 p.m. $\xrightarrow{30\text{ minutes}}$ 4 p.m.

Total duration required = 4 hours + 2 hours + 30 min
= 6 hours 30 minutes.

Ans. The bank opens for 6 hours 30 minutes

$$\textcircled{3} \quad \text{Weight of beans} = 500\text{g}$$

$$\text{Weight of tomatoes} = 650\text{g}$$

$$\text{Weight of onions} = 750\text{g}$$

$$\begin{aligned} \text{Total weight vegetables} &= 500\text{g} + 650\text{g} + 750\text{g} \\ &= 1900\text{g} = 1\text{kg } 900\text{g} \end{aligned}$$

$$\begin{array}{r} 500 \\ + 650 \\ \hline 750 \\ + 1150 \\ \hline 1900 \end{array}$$

Ans. She bought 1kg 900g vegetables.