

Day--Tuesday--

SUBJECT--MATHS--

Date--13/07/2021--

CHAPTER OR LESSON NO--3-- DECIMALS



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EXERCISE--3C

1. FIND THE PRODUCT::

(i) $73.92 \times 10 = 739.2$

(ii) $7.54 \times 10 = 75.4$

(iii) $84.003 \times 10 = 840.03$

(iv) $0.83 \times 10 = 8.3$

(v) $0.7 \times 10 = 7$

(vi) $0.32 \times 10 = 3.2$

2. FIND THE PRODUCT::

(i) $2.397 \times 100 = 239.7$

(ii) $6.83 \times 100 = 683$

(iii) $2.9 \times 100 = 290$

(iv) $0.08 \times 100 = 8$

(v) $0.6 \times 100 = 60$

(vi) $0.003 \times 100 = 0.3$

3. FIND THE PRODUCT::

(i) $6.7314 \times 1000 = 6731.4$

(ii) $0.182 \times 1000 = 182$

(iii) $0.76 \times 1000 = 760$

(iv) $6.25 \times 1000 = 6250$

(v) $4.8 \times 1000 = 4800$

(vi) $0.06 \times 1000 = 60$

4. FIND THE PRODUCT::

(i) $5.4 \times 16 = 86.4$

(ii) $3.65 \times 19 = 69.35$

(iii) $0.854 \times 12 = 10.248$

(iv) $36.73 \times 48 = 1763.04$

(v) $4.125 \times 86 = 354.75$

(vi) $104.06 \times 7.5 = 780.45$

(vii) $6.032 \times 124 = 747.968$

(viii) $0.0146 \times 69 = 1.0074$

(ix) $0.00125 \times 327 = 0.40875$

5. FIND THE PRODUCT::

(i) $7.6 \times 2.4 = 18.24$

(ii) $3.45 \times 6.3 = 21.735$

(iii) $0.54 \times 0.27 = 0.1458$

(iv) $0.568 \times 4.9 = 2.7832$

(v) $6.54 \times 0.09 = 0.5886$

(vi) $3.87 \times 1.25 = 4.8375$

(vii) $0.06 \times 0.38 = 0.0228$

(viii) $0.623 \times 0.75 = 0.46725$

(ix) $0.014 \times 0.46 = 0.00644$

(x) $54.5 \times 1.76 = 95.92$

(xi) $0.045 \times 2.4 = 0.108$

(xii) $1.245 \times 6.4 = 7.968$

6. FIND THE PRODUCT::

(i) $13 \times 1.3 \times 0.13 = 2.197$

(ii) $2.4 \times 1.5 \times 2.5 = 9$

(iii) $0.8 \times 3.5 \times 0.05 = 0.14$

(iv) $0.2 \times 0.02 \times 0.002 = 0.000008$

(v) $11.1 \times 1.1 \times 0.11 = 1.3431$

(vi) $2.1 \times 0.21 \times 0.021 = 0.009261$

7. EVALUATE::

(i) $(1.2)^2 = 1.44$

(ii) $(0.7)^2 = 0.49$

(iii) $(0.04)^2 = 0.0016$

(iv) $(0.11)^2 = 0.0121$

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8. EVALUATE:

(i) $(0.3)^3 = 0.027$ (ii) $(0.05)^3 = 0.000125$ (iii) $(1.5)^3 = 3.375$

9. A BUS CAN COVER 62.5 KM IN ONE HOUR... HOW MUCH DISTANCE CAN IT COVER IN 18 HOURS?

Hence
→ The BUS CAN COVER A DISTANCE OF 1125 KM IN 18 HOURS...

10. A TIN OF OIL ^{weights} 168 KG... WHAT IS THE WEIGHTS OF 45 SUCH TINS?

Hence
→ The weights of 45 TINS of OIL is 7560 KG...

11. A BAGS OF WHEAT WEIGHS 97.8 KG... HOW MUCH WHEAT IS CONTAINED IN 500 SUCH BAGS?

Hence
→ The weights of 500 SUCH BAGS OF WHEAT IS 48900 KG...

12. FIND THE WEIGHTS OF 16 BAGS OF SUGARS, EACH WEIGHING 48.450 KG.

Hence
→ The weights of 16 BAGS OF SUGARS IS 775.2 ^{KG}...

13. A SMALL BOTTLE HOLDS 0.845 KG OF SACCHE... HOW MUCH SACCHE WILL BE THERE IN 72 SUCH BOTTLES?

Hence
→ The capacity of 72 SUCH BOTTLES OF SACCHE WILL BE OR IS 60.84 KG...

14. A BOTTLES HOLDS 925 GRAMS OF JAM... HOW MANY KG OF JAM WILL BE THERE IN 25 SUCH BOTTLES?

→ THE WEIGHTS OF 25 SUCH BOTTLES OF JAM WILL BE 23.125 KG...

15. IF ONE DRUM CAN HOLD 16.850 LITRES OF OIL, HOW MANY LITRES CAN 48 SUCH DRUMS HOLD?

→ HENCE, THE CAPACITY OF 48 DRUMS OF OIL IS 808.800 LITRES...

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16. 1 kg of Rice costs ₹ 56.80 ... WHAT IS THE COSTS OF ^{16.2 kg} ~~16.2 kg~~ OF RICE ?

⇒ HENCE,, THE COST OF 16.2 kg OF RICE IS RS. ₹ 923

17. 1 metre of Cloth costs ₹ 108.50 ... WHAT IS THE COST OF 18.5 metres of Cloth?

⇒ HENCE,, THE COST OF 18.5 m OF CLOTH IS RS. ₹ 2007.25

18. A CAR CAN COVER A DISTANCE OF 8.6 km ON ONE LITRE OF PETROL. HOW FAR CAN IT GO ON 36.5 LITRES OF PETROL?

⇒ HENCE,, THE DISTANCE COVERED BY THE CAR WITH 36.5 LITRES OF PETROL IS 313.9 km ...

19. A TAXI DRIVER CHARGES ₹ 9.80 PER KM ... HOW MUCH WILL HE CHARGE FOR A JOURNEY OF 106.5 km?

⇒ HENCE,, THE TAXI DRIVER WILL CHARGE RS. ₹ 1043.70 FOR A JOURNEY OF 106.5 km ...

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