SBI PO MAINS 2020-21

की तैयारी कैसे करें ?

Data Interpretation

Part-3

पढ़ना नहीं, सीखना है

04:00 PM

MATHS

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Mind Twister/दिमाग घुमा देने वाला – Given in 7 Jan Session:

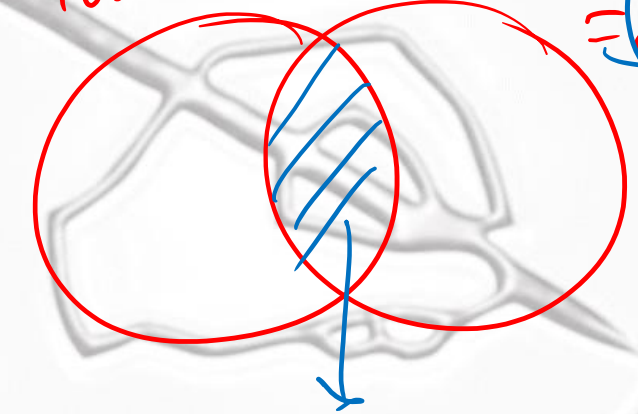
If 25% are failed in Maths, and 20% are failed in English, what could be the maximum percentage of these who are passed in both?

यदि गणित में 25% अनुत्तीर्ण हैं, और इंग्लिश में 20% अनुत्तीर्ण हैं, तो दोनों में उत्तीर्ण होने वाले का अधिकतम प्रतिशत क्या हो सकता है?

Pass

M: 100 − 25% = 75%

E: 100% − 20% = 80%



Max = Min (75% ; 80%)

= 75% Ans

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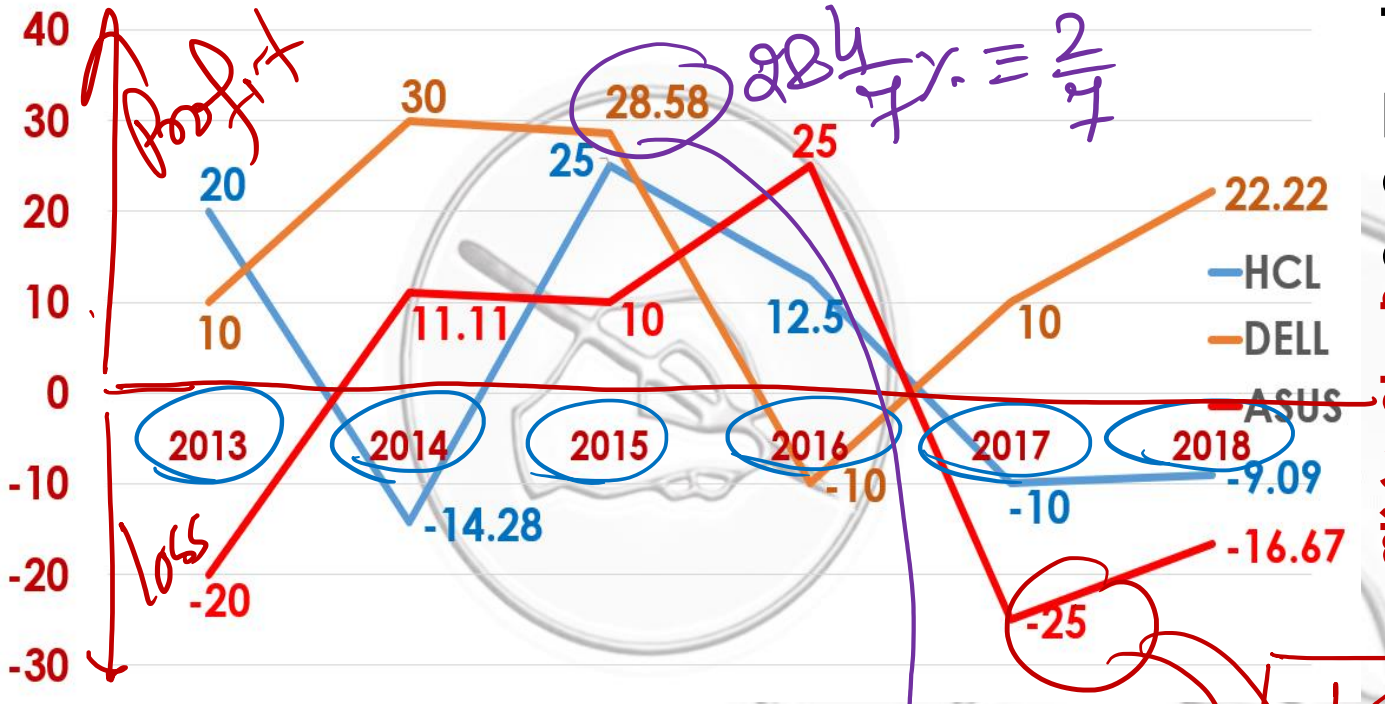

$\frac{284}{7}\% = \frac{2}{7}$

The following line graph shows the percentage profit/loss of three different companies HCL, DELL and ASUS companies from the year 2013 to 2018.

निम्नलिखित पंक्ति ग्राफ वर्ष 2013 से 2018 तक तीन अलग-अलग कंपनियों HCL, DELL और ASUS के प्रतिशत लाभ/हानि को दर्शाता है।

$\% P = \frac{P}{E} \times 100$

$\% L = \frac{L}{E} \times 100$

$\frac{L \leftarrow 1}{E \leftarrow 4}$]1=3

E : 1
4 : 3

$\frac{P \leftarrow 2}{E \leftarrow 7}$]1=9

E : 1
7 : 9

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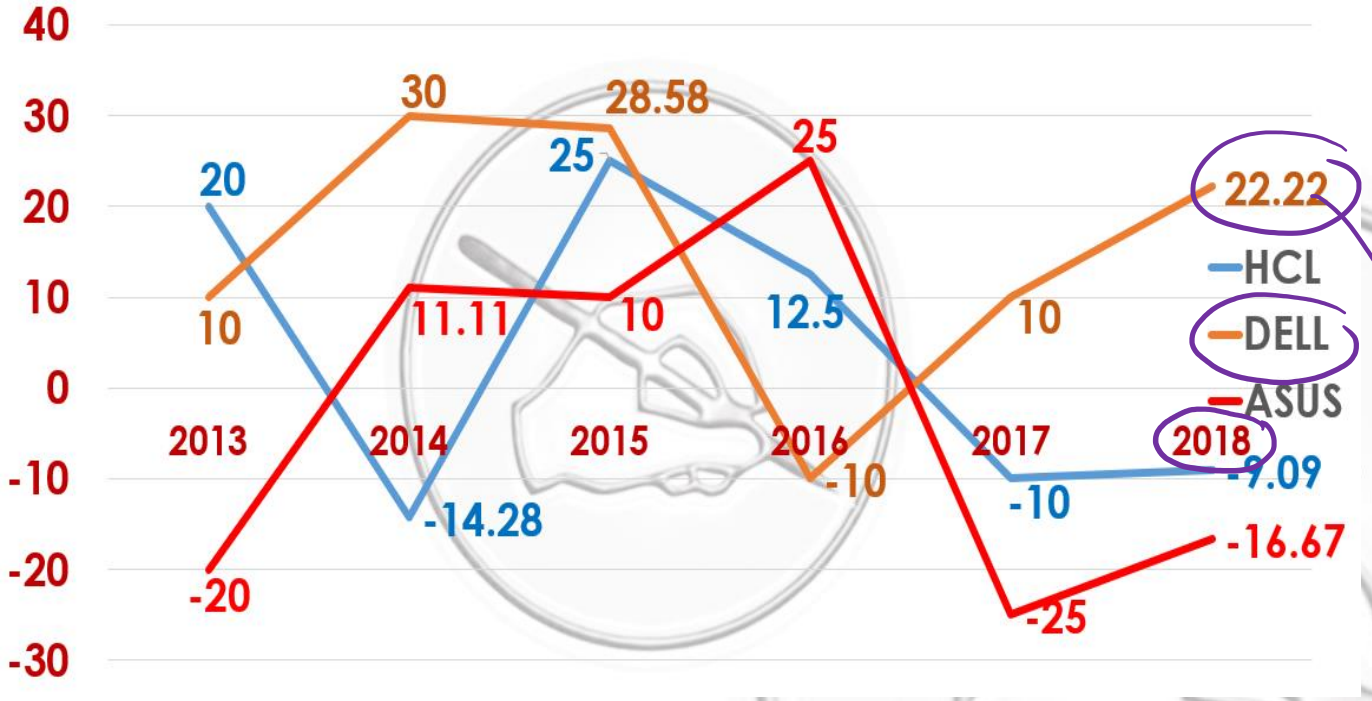

Find the ratio of the income to expenditure of DELL in the year 2018.

वर्ष 2018 में DELL की आय और व्यय का अनुपात ज्ञात कीजिए।

$22.22\% = 22\frac{2}{9}\% = \frac{200}{9} \times \frac{1}{100}$

$= \frac{2 \leftarrow P}{9 \leftarrow E}$] $I = 9+2 = 11$

$\therefore I : E = 11 : 9$

Ans

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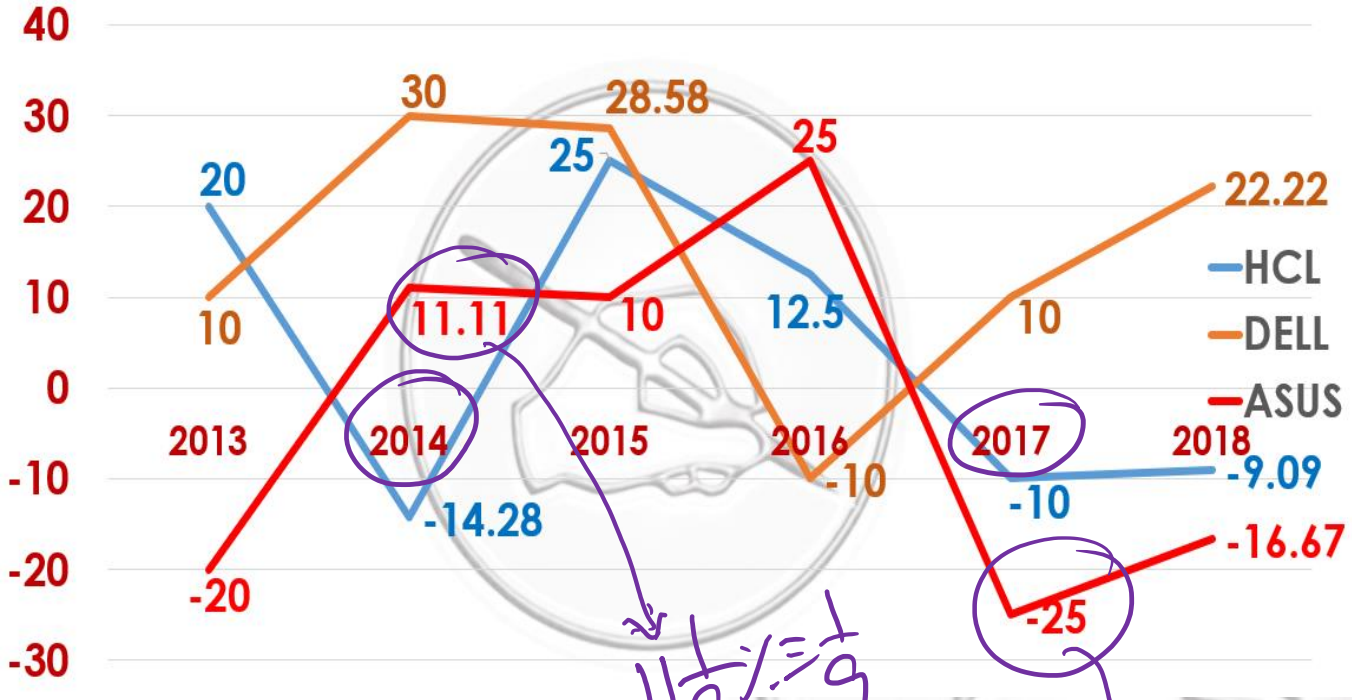

$11\frac{1}{9}\% = \frac{1}{9}$

$-\frac{1}{4}$

Find the ratio of the expenditure of ASUS in the year 2014 to the year 2017.

ASUS के वर्ष 2014 और वर्ष 2017 के व्यय का अनुपात ज्ञात कीजिए।

Asus

$+\frac{1}{9}$ 2014 $\quad E : I = 9 : 10 = 9x : 10x$

$\frac{1}{4}$ ← L, $\frac{1}{4}$ ← E 2017 $\quad 4 : 3 = 4y : 3y$

$\therefore 9x : 4y$

Data Inadequate (x & y Not known)

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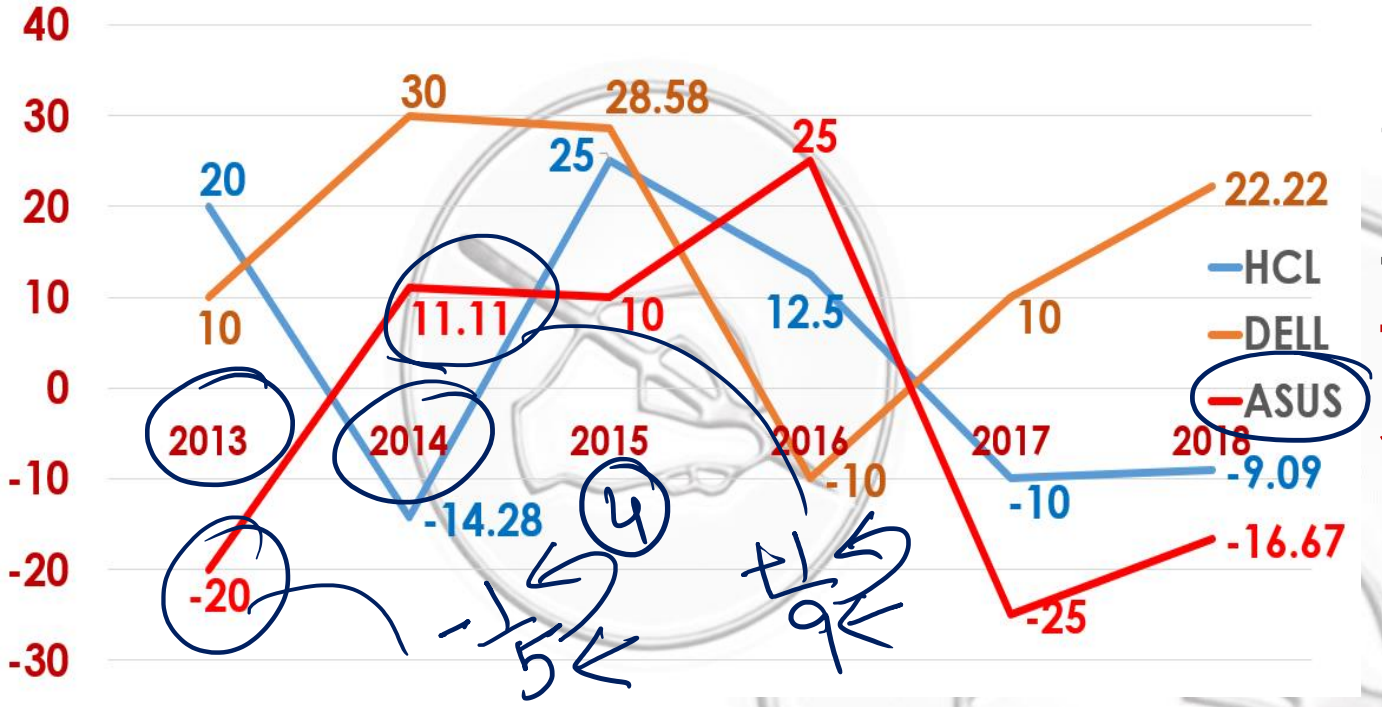

If the income of ASUS in the year 2013 and 2014 are equal, find the ratio of the expenditure of ASUS in these two years, respectively.

यदि वर्ष 2013 और 2014 में ASUS की आय समान है, तो क्रमशः इन दो वर्षों में ASUS की व्यय का अनुपात ज्ञात करें।

E I

2013 5 : 4*] x 10 5 = 25 : 20

2014 9 : 10*] x 4 2 = 18 : 20

∴ 25 : 18

Ans

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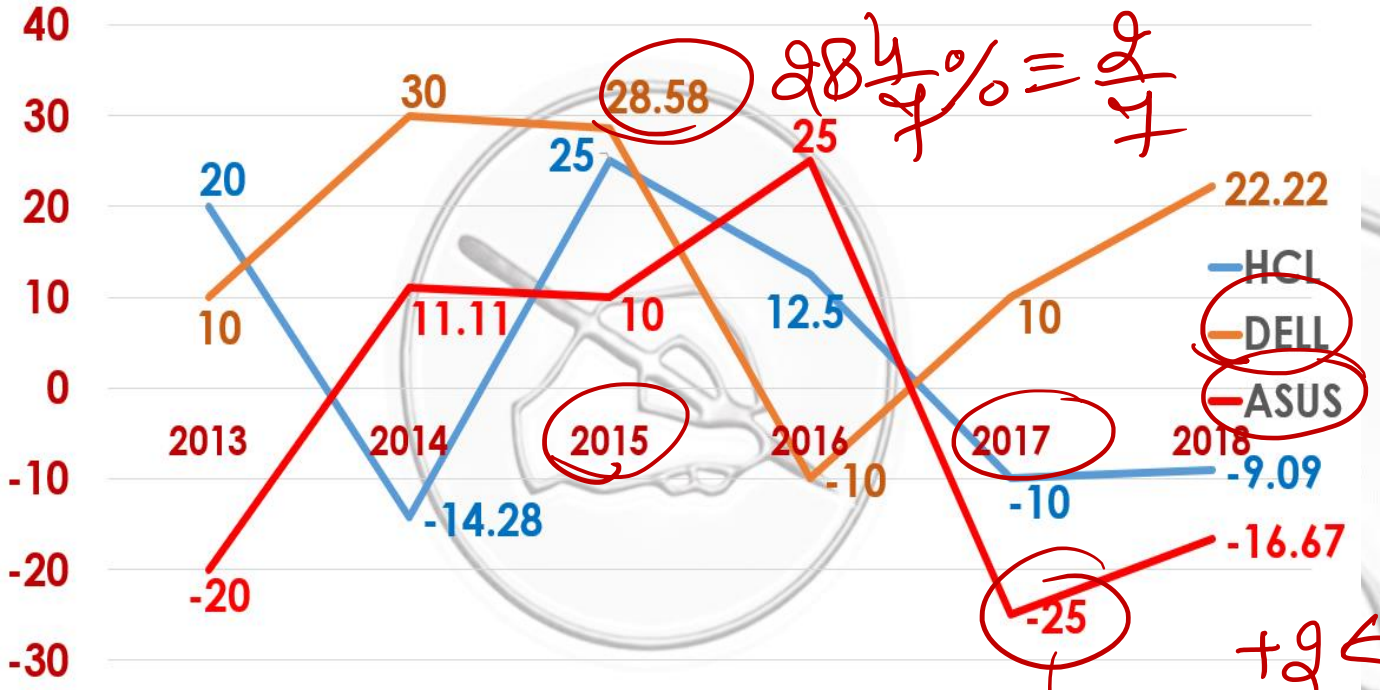

$28\frac{4}{7}\% = \frac{2}{7}$

Find the respective ratio of the expenditure of Dell in the year 2015 to the income of Asus in the year 2017.

वर्ष 2015 में DELL के व्यय और 2017 में ASUS की आय का क्रमश: अनुपात ज्ञात कीजिए।

$+\frac{2}{7}$ ← D_{15}

$-\frac{1}{4}$ ← A_{17}

E	I	E	I
7 : 11	=	7x	11x
4 : 3	=	4y	3y

7x : 3y

Data Inadequate (Ans)

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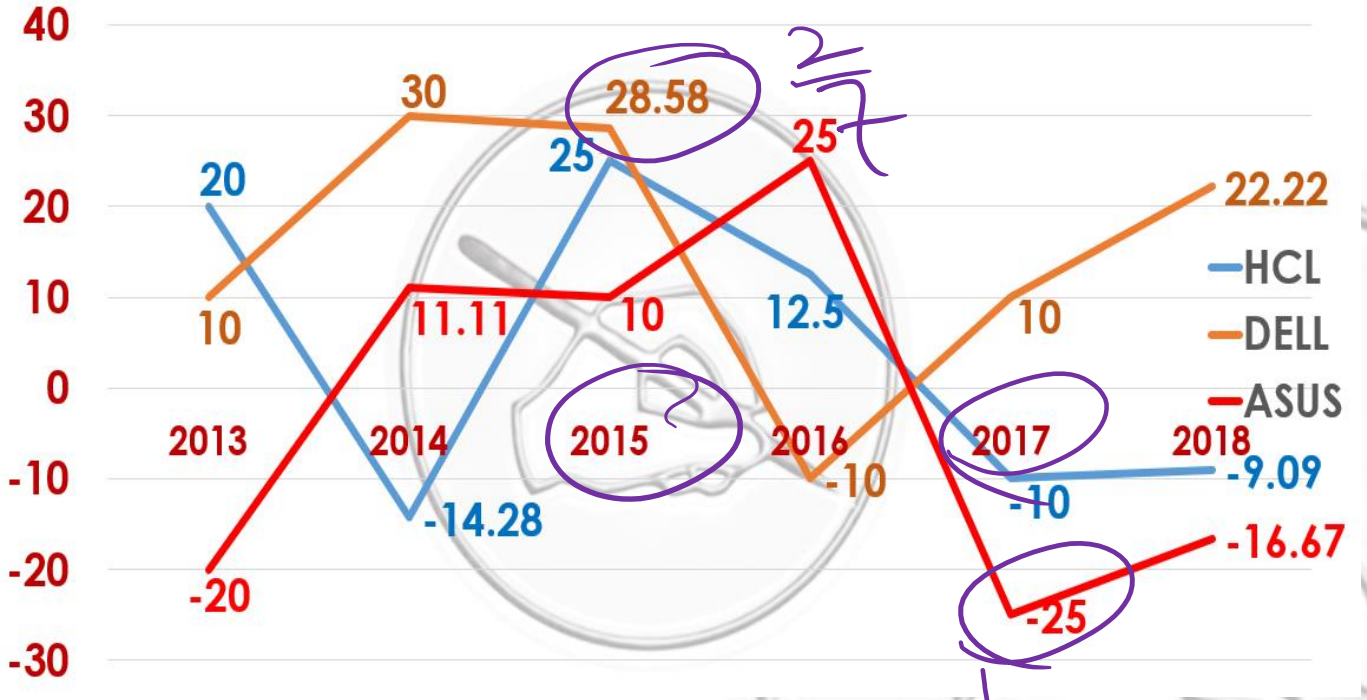

Find the ratio of the expenditure of DELL in the year 2015 to the income of ASUS in the year 2017, if the income of the given company in the given years are equal.

वर्ष 2015 में DELL के व्यय और 2017 में ASUS की आय का क्रमश: अनुपात ज्ञात कीजिए, यदि दिए गए वर्षों में दिए गए कंपनी के आय बराबर हैं।

$\frac{2}{7}$

$-\frac{1}{4}$

$+\frac{2}{7}$

$-\frac{1}{4}$

E I

D_{15} $7:11^{*}]\times 3 = 21:33$

A_{17} $4:3^{*}]\times 11 = 44:33$

$D^{15}_{E} : A^{17}_{I} = 21:33 = 7:11$

Ans

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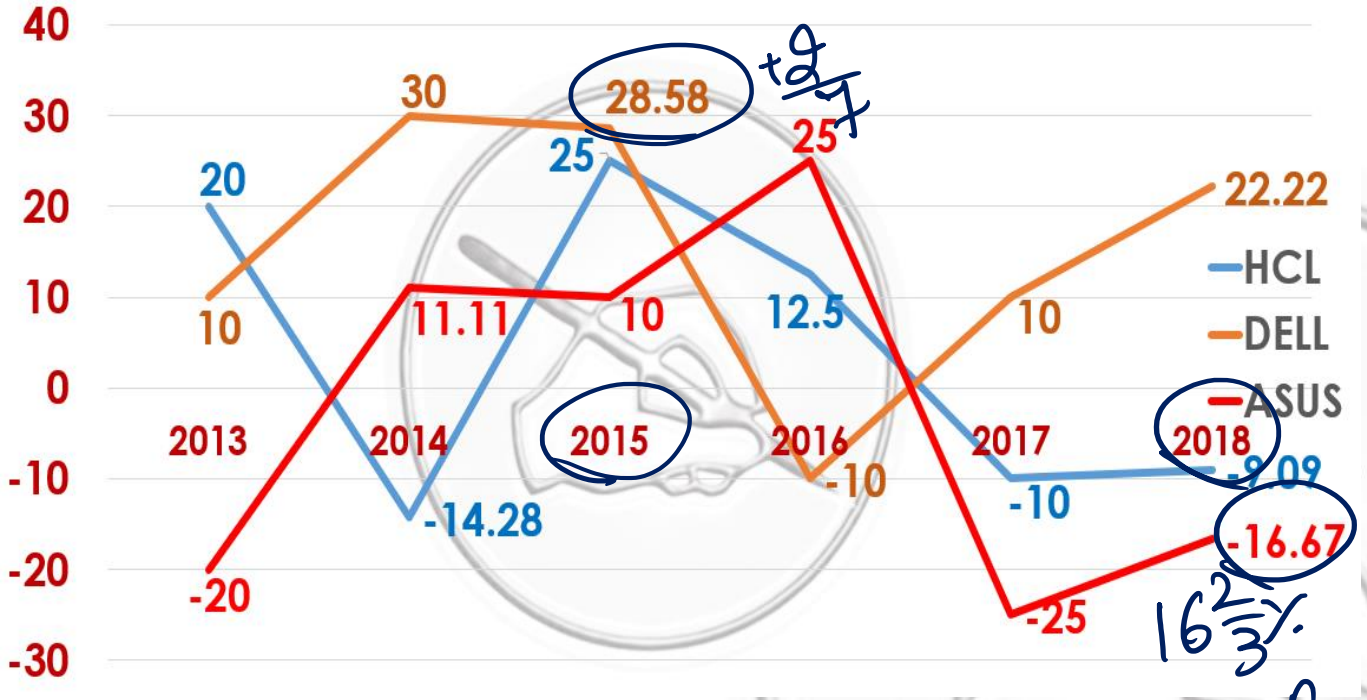

The respective ratio of income of DELL in 2015 to the expenditure of ASUS in the year 2018 is 2:3; find the respective ratio of the expenditures of DELL and ASUS in the respective years.

वर्ष 2015 में DELL की आय और 2018 में ASUS की व्यय का अनुपात क्रमशः 2:3 है; संबंधित वर्षों में DELL और ASUS के व्यय का क्रमशः अनुपात ज्ञात कीजिये।

$+\frac{2}{7}$ D_{15} E 7 : 9 * $7 \times 6 \times 2 = 4$:→ 28 : 36

$-\frac{1}{6}$ A_{18} * 6 : 5 $7 \times 9 \times 3 = 9$:→ 54 : 45

28 : 54

= 14 : 27 Ans

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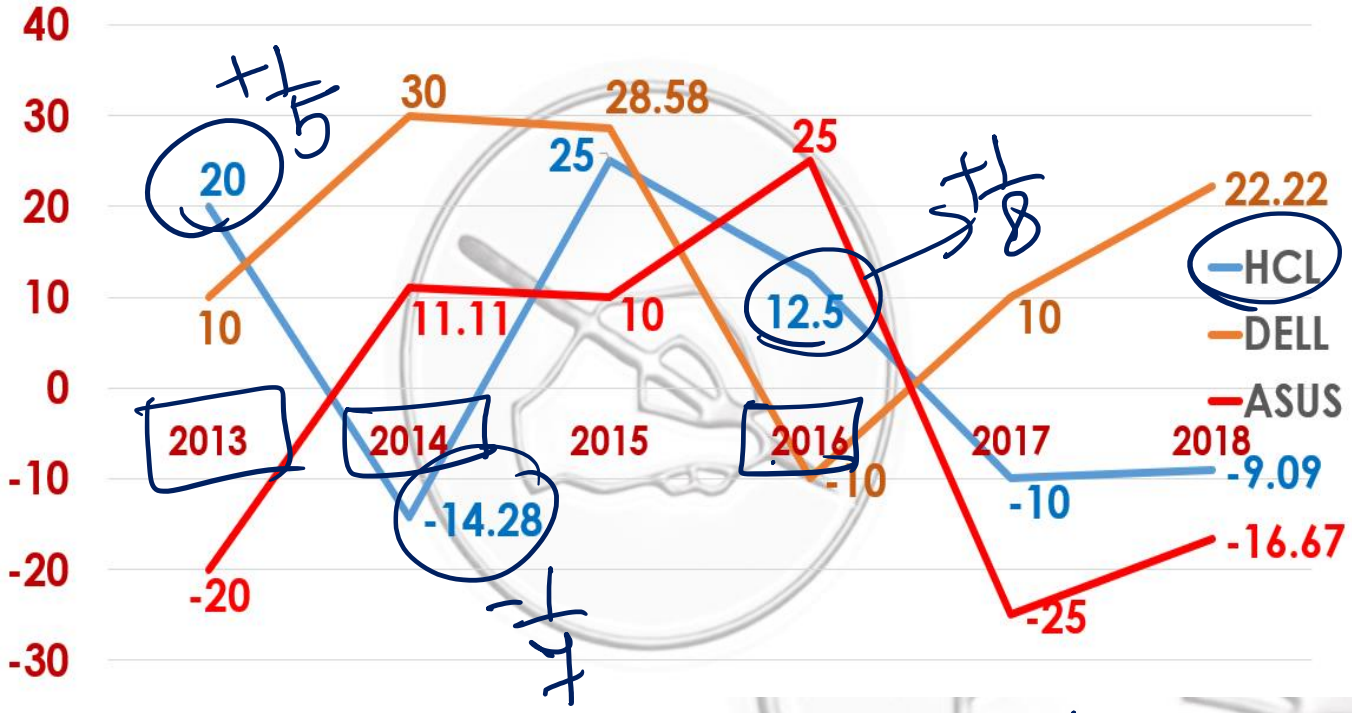

Find the ratio of the expenditure of HCL in the year 2013, 2014 and 2016, if the income in the given years are equal.

दिए गए वर्षों में आय के बराबर होने पर वर्ष 2013, 2014 और 2016 में HCL की व्यय का अनुपात ज्ञात कीजिए।

HCL

E I

+1/5 2013 5 : 6*]x3 = 15 : 18

-1/7 2014 7 : 6*]x3 = 21 : 18

+1/8 2016 8 : 9*]x2 = 16 : 18

LCM(5, 6, 9) = 18

∴ 15 : 21 : 16

Ans

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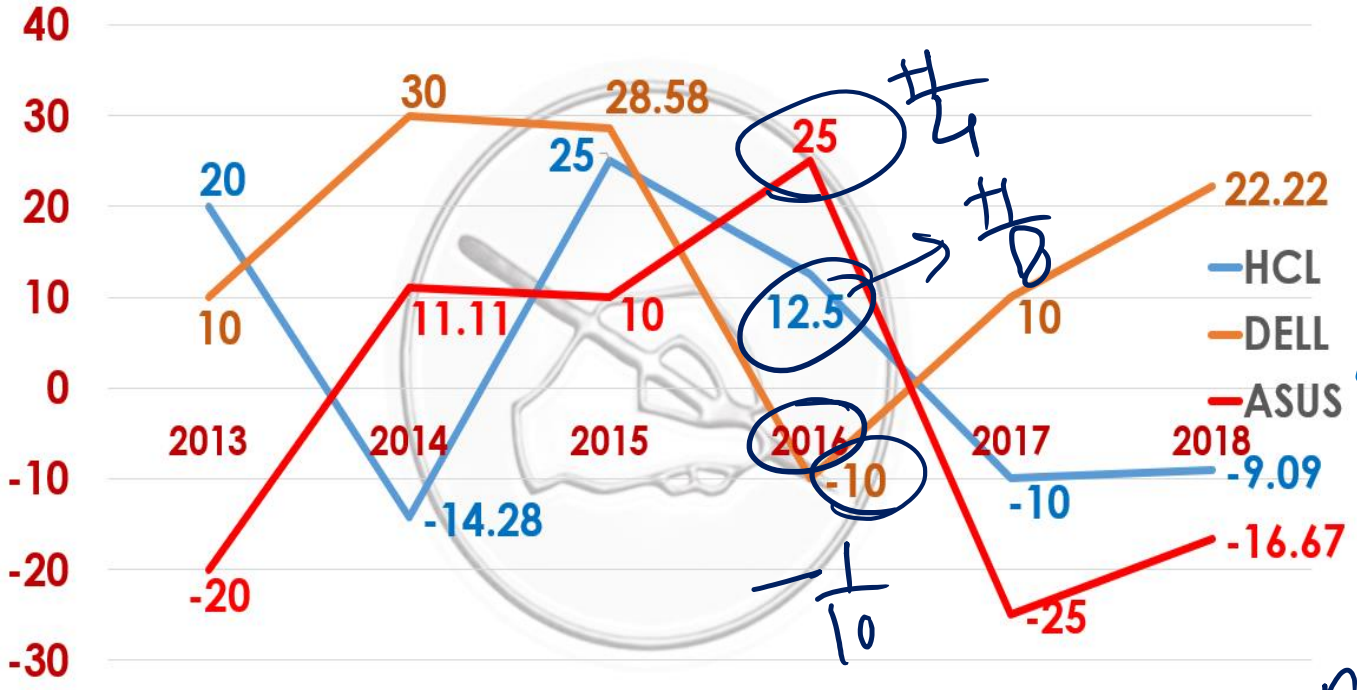

Find the ratio of profit (or loss) of HCL, DELL and ASUS in the yea 2016, if the expenditure of the given companies in the given year is equal.

वर्ष 2016 में HCL, DELL और ASUS के लाभ (या हानि) का अनुपात ज्ञात कीजिये, यदि दिए गए वर्ष में दिए गए कंपनियों का व्यय बराबर है।

$+\frac{1}{4}$

$+\frac{1}{8}$

$-\frac{1}{10}$

E I

$+\frac{1}{8}$ H16 8 : 9] x5 ≡ 40 : 45 (5)

$-\frac{1}{10}$ D16 10 : 9] x4 ≡ 40 : 36 (4)

$+\frac{1}{4}$ A16 4 : 5] x10 ≡ 40 : 50 (10)

LCM(8, 10, 4) = 40

5 : 4 : 10

Ans

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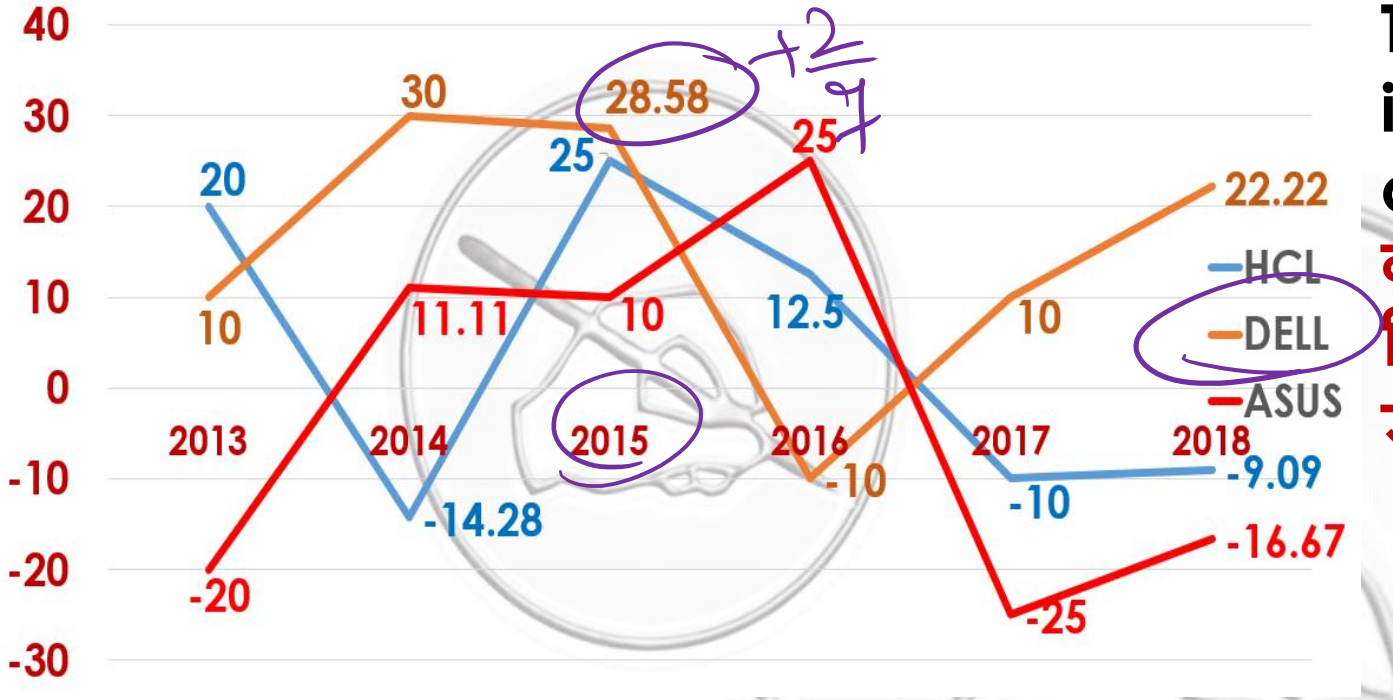

The income of DELL in the year 2015 is ₹ 929.25 million; find the profit/loss of the company in that year.

वर्ष 2015 में DELL की आय ₹ 929.25 मिलियन है; उस वर्ष कंपनी का लाभ/हानि ज्ञात कीजिये।

$2 \leftarrow P$

$7 \leftarrow C$ $\quad I = 7+2 = 9$

103.25

$$P = \frac{929.25}{9} \times 2$$

$= ₹206.50$ Ans

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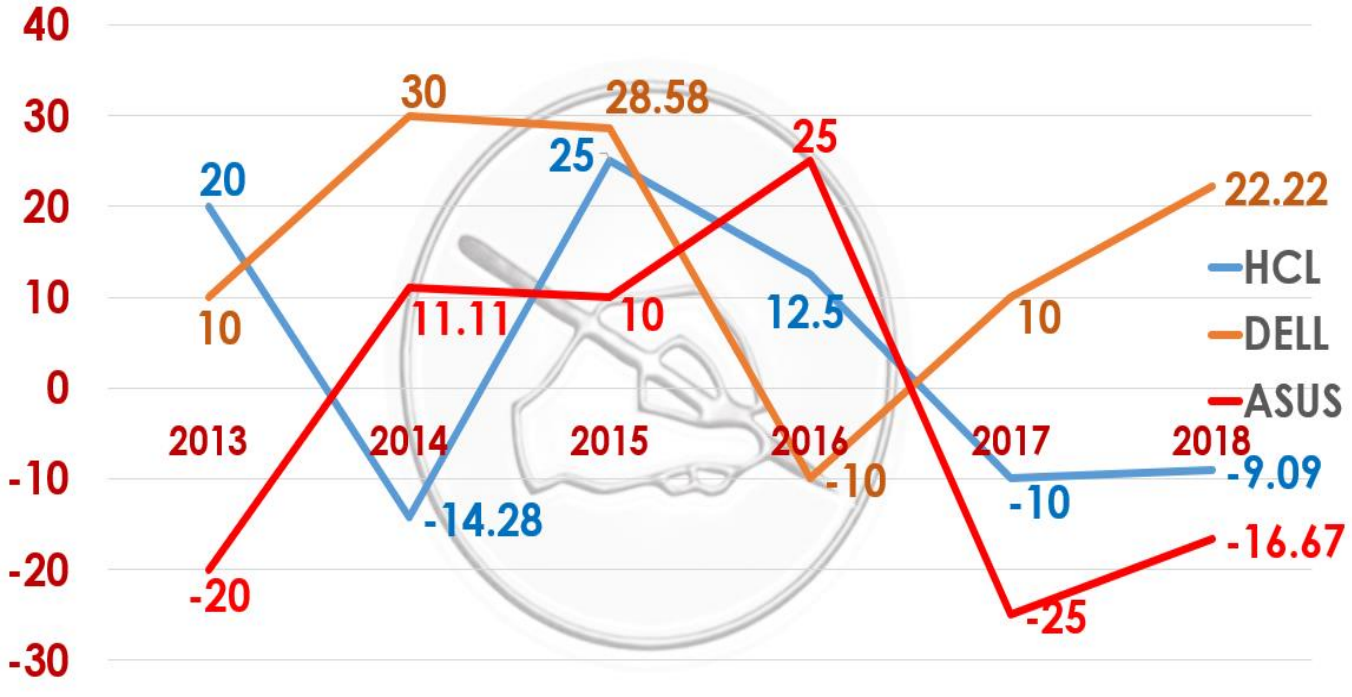

The income of ASUS in the year 2013 is ₹625 million; find the expenditure of HCL in that year.

वर्ष 2013 में ASUS की आय ₹625 मिलियन है; उस वर्ष HCL के व्यय ज्ञात कीजिये।

Data Indegrate

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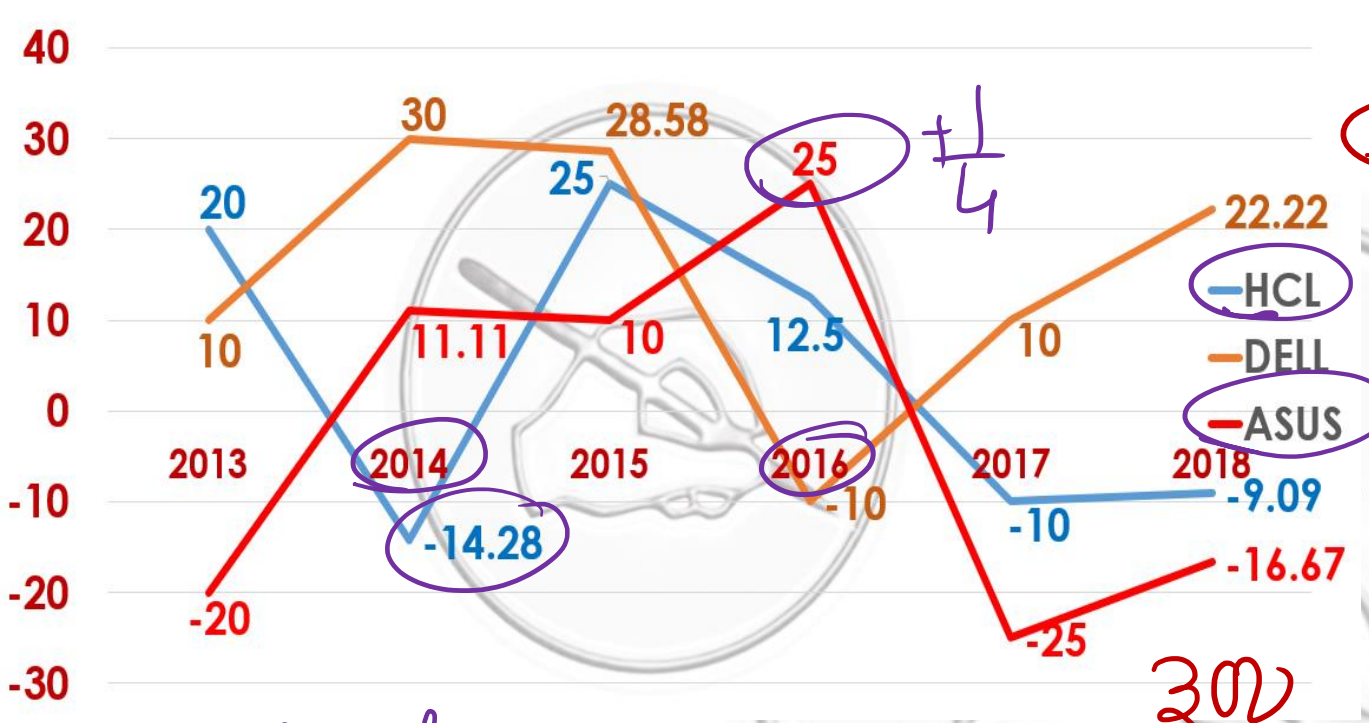

The income of HCL in the year 2014 is equal to the expenditure of Asus in the years 2016. The total expenditure done by these companies in the respective years is ₹7800 million. Find the income of the HCL in the year 2014 is approximately how much more or less than the income of Asus in the year 2016.

वर्ष 2014 में HCL का आय वर्ष 2016 में ASUS के व्यय के बराबर है। इन कंपनियों द्वारा दिए गए वर्षों में किया गया कुल व्यय ₹7800 मिलियन हैं. वर्ष 2014 में HCL का आय वर्ष 2016 में ASUS के आय से लगभग कितना ज्यादा या कम है?

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LIVE CLASS

महासंग्राम

Data Interpretation & Data Analysis

(Prelims + Mains) For

SBI & IBPS PO/Clerk 2020-21

Starts Jan 06, 2021

5:30 PM To 6:30 PM

BILINGUAL

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UPCOMING ONLINE BATCHES

JANUARY 2021

6 JAN 2021

10:30 AM to 12:30 PM
LIVE PREMIUM SILVER CARD
(CGL & CHSL)

05:30 PM to 07:30 PM
LIVE PREMIUM SILVER CARD
(IBPS PO & CLERK)

BILINGUAL

01:00 PM to 03:00 PM
LIVE PREMIUM GREEN CARD
(IBPS PO & CLERK)

ENGLISH MEDIUM

13 JAN 2021

05:30 PM to 07:30 PM
LIVE PREMIUM SILVER CARD
(CGL & CHSL)

03:00 PM to 05:00 PM
LIVE PREMIUM GREEN CARD
(IBPS PO & CLERK)

BILINGUAL

20 JAN 2021

10:30 AM to 12:00 PM
LIVE PREMIUM GREEN CARD
(IBPS PO & CLERK)

BILINGUAL

07:30 PM to 09:30 PM
LIVE PREMIUM SILVER CARD
(CGL & CHSL)

ENGLISH MEDIUM

27 JAN 2021

08:00 AM to 10:00 AM
LIVE PREMIUM GREEN CARD
(IBPS PO & CLERK)

01:00 PM to 03:00 PM
LIVE PREMIUM SILVER CARD
(CGL & CHSL)

BILINGUAL

03:00 PM to 05:00 PM
LIVE PREMIUM SILVER CARD
(CGL & CHSL)

07:30 PM to 09:30 PM
LIVE PREMIUM GREEN CARD
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Mind Twister/दिमाग घुमा देने वाला:

Find the remainder when 62520022523025423 4 is divided by 25.

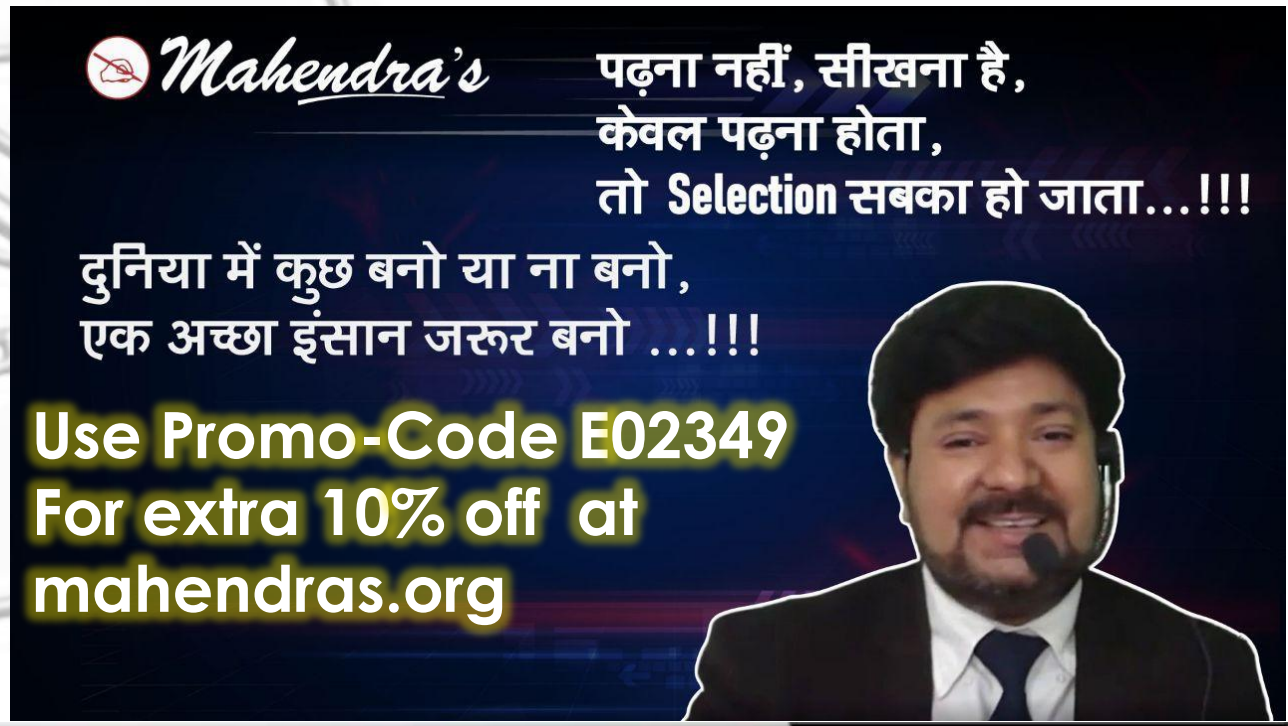
6252002252302542 34 को 25 से विभाजित करने पर शेषफल ज्ञात कीजिए।

1. 21 2. 8 3. 24 4. 9 5. 10

Stay tuned – 09 Jan - at 4:00 pm

Data Interpretation – Part 4

पढ़ना नहीं, सीखना है



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Stay tuned – 09 Jan - at 4:00 pm

Data Interpretation – Part 4

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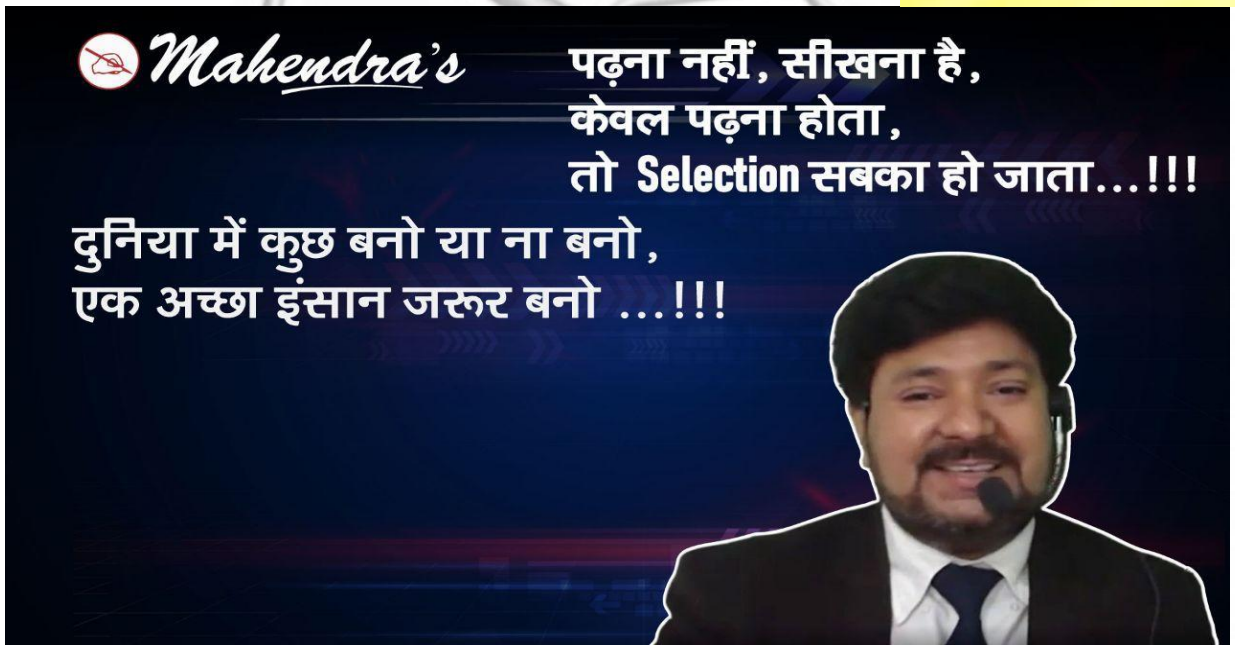

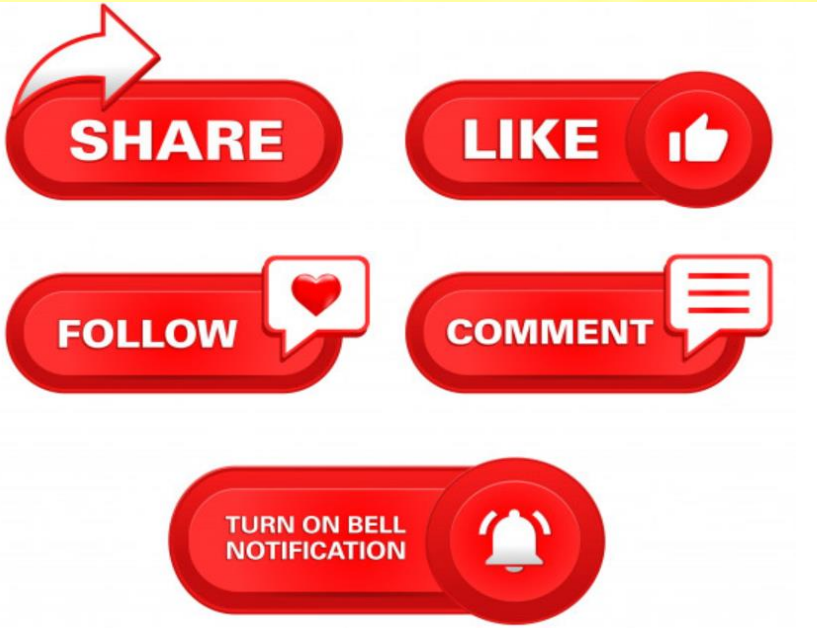

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