Simultala Entrance (24 Oct 2026) — Mathematics: questions practised in our Special Practice Tests

Simultala question (Set A number, with its number in every other set), followed by the same or similar question from our tests. ✓ = correct answer.



40 of 40 questions were taught in our tests

Taught in our tests: **100%** Not covered: **0%**

EXACT	**2** questions
VERY SIMILAR	**32** questions
SAME TOPIC	**6** questions

EXACT — 2 questions

Simultala Set A Q11 Other sets → B: Q39 · C: Q27 · D: Q35 · E: Q19 · F: Q23 · G: Q7 · H: Q3 · I: Q15 · J: Q31 — Perimeter of a square

Find the perimeter of a square book of side 25 cm.
25 सेमी भुजा वाले एक वर्गाकार पुस्तक का परिमाप निकालें।

(A) 80 cm
(B) 100 cm ✓
(C) 40 cm
(D) 60 cm

EXACT

Our Special Practice Test 28 — Set 11: Q47 · Set 12: Q64 · Set 13: Q58 · Set 14: Q64
Fencing for a square plot of side 25 m = 100 m - same numbers

How much fencing is needed for a square plot of side 25 m?

(A) 75 m
(B) 625 m
(C) 50 m
(D) 100 m ✓

Our Special Practice Test 21 — Set 11: Q41 · Set 12: Q38 · Set 13: Q64 · Set 14: Q68
Perimeter of square side 9 cm

What is the perimeter of a square of side 9 cm?

(A) 27 cm
(B) 81 cm
(C) 36 cm ✓
(D) 18 cm

Simultala Set A Q13 Other sets → B: Q1 · C: Q5 · D: Q21 · E: Q13 · F: Q29 · G: Q37 · H: Q9 · I: Q33 · J: Q25 — Volume of a cube

What is the volume of a cube whose side is 3 cm ?
एक घन का आयतन क्या है जिसकी भुजा 3 सेमी है ?

(A) 27 cm³ ✓ (B) 2·7 cm³
(C) 3·7 cm³ (D) 0.3 cm³

EXACT

Our Special Practice Test 21 — Set 11: Q54 · Set 12: Q61 · Set 13: Q38 · Set 14: Q55
Volume of cube of edge 3 cm = 27 cm³ - same numbers
Find the space occupied by a cube whose every edge is 3 cm.
(A) 9 cm³ (B) 18 cm³
(C) 12 cm³ **(D) 27 cm³ ✓**

Our Special Practice Test 27 — Set 11: Q60 · Set 12: Q48 · Set 13: Q63 · Set 14: Q34
Volume of cube, edge 4 cm
The edge of a cube is 4 cm. What is its volume?
(A) 48 cm³ **(B) 64 cm³ ✓**
(C) 16 cm³ (D) 12 cm³

Our Special Practice Test 16 — Set 11: Q43 · Set 12: Q40 · Set 13: Q43 · Set 14: Q33
Volume of cube, edge 5 cm
What is the volume of a cube of edge 5 cm?
(A) 60 cm³ (B) 150 cm³
(C) 125 cm³ ✓ (D) 25 cm³

VERY SIMILAR — 32 questions

Simultala Set A Q1 Other sets → B: Q13 · C: Q21 · D: Q9 · E: Q5 · F: Q25 · G: Q29 · H: Q33 · I: Q17 · J: Decimal addition - what to Q37 add

What should be added to the sum of 179·08 and 20·17 to get 512 ?
512 प्राप्त करने के लिए 179·08 और 20·17 के योग में क्या जोड़ना होगा ?

(A) 711·25 (B) 313·25
(C) 312·75 ✓ (D) 321·75

VERY SIMILAR

Our Special Practice Test 23 — Set 11: Q62 · Set 12: Q66 · Set 13: Q43 · Set 14: Q58
Number which added to 3,457 gives 5,000
Find the number which, when added to 3,457, gives 5,000.
(A) 1,453 **(B) 1,543 ✓**
(C) 2,543 (D) 1,643

Our Special Practice Test 27 — Set 11: Q58 · Set 12: Q61 · Set 13: Q38 · Set 14: Q33
Adding decimals
Add 3.4 and 2.08.
(A) 3.62 **(B) 5.48 ✓**
(C) 5.42 (D) 6.12

Our Special Practice Test 27 — Set 11: Q51 · Set 12: Q32 · Set 13: Q43 · Set 14: Q57
Subtracting decimals
Take away 2.75 from 6.5.
(A) 3.85 (B) 4.75
(C) 3.75 ✓ (D) 4.25

Simultala Set A Q2 Other sets → B: Q14 · C: Q22 · D: Q10 · E: Q6 · F: Q26 · G: Q30 · H: Q34 · I: Q18 · J: Q38 — Unitary method with decimals

36 candles cost Rs. 87·50. How many such candles can we buy for Rs. 830 ?
36 मोमबत्तियों की कीमत 87·50 रु० है। 830 रु० में हम ऐसी कितनी मोमबत्तियाँ खरीद सकते हैं ?

(A) 252
(B) 341 ✓
(C) 292
(D) 312

VERY SIMILAR

Our Special Practice Test 18 — Set 11: Q44 · Set 12: Q63 · Set 13: Q61 · Set 14: Q70

8 pens cost ₹96, cost of 13 pens

If 8 pens cost ₹96, what is the cost of 13 pens?

(A) ₹168
(B) ₹156 ✓
(C) ₹144
(D) ₹104

Our Special Practice Test 13 — Set 11: Q67 · Set 12: Q54 · Set 13: Q59 · Set 14: Q38

4.5 L of oil weighs 4.05 kg, weight of 8 L (decimals)

A tin holds 4.5 L of oil which weighs 4.05 kg. What is the weight of 8 L of the same oil?

(A) 7.2 kg ✓
(B) 7.5 kg
(C) 8.1 kg
(D) 6.8 kg

Our Special Practice Test 20 — Set 11: Q70 · Set 12: Q70 · Set 13: Q57 · Set 14: Q31

6 kg rice ₹270, cost of 10 kg

If 6 kg of rice costs ₹270, what will 10 kg cost?

(A) ₹420
(B) ₹450 ✓
(C) ₹480
(D) ₹2,700

Simultala Set A Q3 Other sets → B: Q15 · C: Q23 · D: Q11 · E: Q7 · F: Q27 · G: Q31 · H: Q35 · I: Q19 · J: Q39 — Basic operations - add then divide

Add together 4, 12 and 20 and divide the sum by 9. The quotient will be
संख्या 4, 12 और 20 को एक साथ जोड़कर योगफल में 9 से भाग दें, तो भागफल होगा

(A) 4 ✓
(B) 9
(C) 5
(D) 2

VERY SIMILAR

Our Special Practice Test 24 — Set 11: Q68 · Set 12: Q37 · Set 13: Q35 · Set 14: Q56

(15 + 9) ÷ 6 - add then divide, same form

Find the value of (15 + 9) ÷ 6.

(A) 4 ✓
(B) 16
(C) 9
(D) 3

Simultala Set A Q4 Other sets → B: Q16 · C: Q24 · D: Q12 · E: Q8 · F: Q28 · G: Q32 · H: Q36 · I: Q20 · J: Q40 — Adding like fractions

Value of $\frac{5}{8} + \frac{2}{8}$ is

$\frac{5}{8} + \frac{2}{8}$ का मान है

(A) $\frac{5}{8}$

(B) $\frac{7}{9}$

(C) $\frac{9}{7}$

(D) $\frac{7}{8}$ ✓

VERY SIMILAR

Our Special Practice Test 21 — Set 11: Q38 · Set 12: Q51 · Set 13: Q46 · Set 14: Q32

2/7 + 3/7 - same type

Find the sum 2/7 + 3/7.

(A) 5/14

(B) 5/7 ✓

(C) 1/7

(D) 6/7

Our Special Practice Test 28 — Set 11: Q69 · Set 12: Q63 · Set 13: Q67 · Set 14: Q33

5/12 + 1/12

Find 5/12 + 1/12 in simplest form.

(A) 1/2 ✓

(B) 2/3

(C) 5/12

(D) 1/4

Our Special Practice Test 32 — Set 11: Q48 · Set 12: Q61 · Set 13: Q42 · Set 14: Q56

1/4 + 1/4 + 1/4

1/4 + 1/4 + 1/4 equals:

(A) 3/4 ✓

(B) 1/64

(C) 1/12

(D) 3/12

Simultala Set A Q6 Other sets → B: Q30 · C: Q2 · D: Q18 · E: Q22 · F: Q10 · G: Q26 · H: Q14 · I: Q38 · J: Q34 — BODMAS

The value of 32 + 16 ÷ 4 − 2 × 3 is

32 + 16 ÷ 4 − 2 × 3 का मान है

(A) 26

(B) 30 ✓

(C) 6

(D) 20

VERY SIMILAR

Our Special Practice Test 17 — Set 11: Q36 · Set 12: Q44 · Set 13: Q41 · Set 14: Q51

48 ÷ 6 × 2 + 15 - 3 × 4 - same mix of operations

Simplify: 48 ÷ 6 × 2 + 15 − 3 × 4

(A) 4

(B) 7

(C) 19 ✓

(D) 31

Our Special Practice Test 13 — Set 11: Q65 · Set 12: Q46 · Set 13: Q63 · Set 14: Q35

48 ÷ 12 × 2 + 6 - 3

What is the value of 48 ÷ 12 × 2 + 6 − 3?

(A) 17

(B) 9

(C) 5

(D) 11 ✓

Our Special Practice Test 30 — Set 11: Q68 · Set 12: Q40 · Set 13: Q67 · Set 14: Q68

12 × 5 + 30 ÷ 6

Calculate 12 × 5 + 30 ÷ 6.

(A) 95

(B) 15

(C) 65 ✓

(D) 60

Simultala Set A Q7 Other sets → B: Q31 · C: Q3 · D: Q19 · E: Q23 · F: Q11 · G: Q27 · H: Q15 · I: Q39 · J: Q35 — Expanded form with decimals

$670 + 30 + 5 + \frac{3}{10} + \frac{7}{1000} =$

(A) 715·037
(B) 725·307
(C) 705·307 ✓
(D) 735·0307

VERY SIMILAR

Our Special Practice Test 21 — Set 11: Q45 · Set 12: Q46 · Set 13: Q47 · Set 14: Q62

Expanded form 5,000 + 300 + 7 → number

The expanded form 5,000 + 300 + 7 stands for which number?

(A) 5,370
(B) 53,007
(C) 5,037
(D) 5,307 ✓

Our Special Practice Test 26 — Set 11: Q66 · Set 12: Q51 · Set 13: Q67 · Set 14: Q46

Seven and three tenths as a decimal

Seven and three tenths written as a decimal is:

(A) 7.3 ✓
(B) 73.0
(C) 7.03
(D) 0.73

Our Special Practice Test 29 — Set 11: Q56 · Set 12: Q42 · Set 13: Q45 · Set 14: Q44

Thousandths place in 0.125

In the decimal 0.125, the digit 5 is in which place?

(A) tenths
(B) thousandths ✓
(C) ones
(D) hundredths

Simultala Set A Q8 Other sets → B: Q32 · C: Q4 · D: Q20 · E: Q24 · F: Q12 · G: Q28 · H: Q16 · I: Q40 · J: Q36 — HCF of co-primes

H.C.F. of 9, 7 and 13 is
9, 7 एवं 13 का महत्तम समापवर्तक है

(A) 2
(B) 3
(C) 1 ✓
(D) 4

VERY SIMILAR

Our Special Practice Test 23 — Set 11: Q69 · Set 12: Q52 · Set 13: Q49 · Set 14: Q43

8 and 15 are co-prime - HCF 1

Two numbers 8 and 15 are co-prime. What is their HCF?

(A) 120
(B) 1 ✓
(C) 15
(D) 8

Our Special Practice Test 24 — Set 11: Q55 · Set 12: Q49 · Set 13: Q48 · Set 14: Q35

Which pair is co-prime

Which pair of numbers is co-prime?

(A) 6 and 9
(B) 12 and 15
(C) 8 and 9 ✓
(D) 4 and 10

Simultala Set A Q9 Other sets → B: Q37 · C: Q25 · D: Q33 · E: Q17 · F: Q21 · G: Q5 · H: Q1 · I: Q13 · J: Q29 — LCM of co-primes

L.C.M. of 5, 7 and 9 is
5, 7 एवं 9 का लघुतम समापवर्त्य है

(A) 310
(B) 315 ✓
(C) 317
(D) 318

VERY SIMILAR

Our Special Practice Test 31 — Set 11: Q54 · Set 12: Q46 · Set 13: Q41 · Set 14: Q48

LCM of 2, 3 and 5

Calculate the LCM of 2, 3 and 5.

(A) 10
(B) 30 ✓
(C) 15
(D) 60

Our Special Practice Test 13 — Set 11: Q52 · Set 12: Q32 · Set 13: Q65 · Set 14: Q40

LCM of co-prime numbers 7 and 15

What is the LCM of the co-prime numbers 7 and 15?

(A) 1
(B) 35
(C) 105 ✓
(D) 22

Simultala Set A Q10 Other sets → B: Q38 · C: Q26 · D: Q34 · E: Q18 · F: Q22 · G: Q6 · H: Q2 · I: Q14 · J: Q30 — Percentage - find the number, then another percent

If 48% of a number is 120, then what is 170% of that number ?
यदि किसी संख्या का 48%, 120 है तो उसी संख्या का 170% क्या है ?

(A) 400
(B) 425 ✓
(C) 385
(D) 475

VERY SIMILAR

Our Special Practice Test 6 — Set 11: Q41 · Set 12: Q52 · Set 13: Q47 · Set 14: Q70

35% of a number is 168, find 60% of it - same method

If 35% of a number is 168, then 60% of the same number is:

(A) 240
(B) 300
(C) 288 ✓
(D) 336

Our Special Practice Test 14 — Set 11: Q43 · Set 12: Q53 · Set 13: Q40 · Set 14: Q54

30% of a number is 72, find 45%

30% of a number is 72. What is 45% of the same number?

(A) 96
(B) 120
(C) 162
(D) 108 ✓

Simultala Set A Q12 Other sets → B: Q40 · C: Q28 · D: Q36 · E: Q20 · F: Q24 · G: Q8 · H: Q4 · I: Q16 · J: Q32 — Fencing with several rounds of wire

A rectangular piece of land measures 700 m by 500 m. It is to be fenced with 4 rounds of wire. The length of the wire needed is

एक आयताकार भूखण्ड की विमाएँ 700 मी और 500 मी हैं। तार के चार चक्करों से इसकी बाड़ लगानी है। आवश्यक तार की लम्बाई है

(A) 7200 m
(B) 4800 m
(C) 9600 m ✓
(D) 8600 m

VERY SIMILAR

Our Special Practice Test 6 — Set 11: Q67 · Set 12: Q64 · Set 13: Q65 · Set 14: Q36

Park 120 m × 90 m fenced with three rounds of wire

A rectangular park 120 m long and 90 m wide is to be fenced with three rounds of wire. The total length of wire required is:

(A) 1,050 m
(B) 1,260 m ✓
(C) 1,470 m
(D) 1,680 m

Our Special Practice Test 2 — Set 11: Q43 · Set 12: Q53

Field 45 m × 25 m fenced with 3 rows of wire

A rectangular field is 45 m long and 25 m wide. It is fenced with 3 rows of wire that cost ₹12 per metre. Find the total cost of the wire.

(A) ₹1680
(B) ₹4800
(C) ₹5040 ✓
(D) ₹5400

Our Special Practice Test 4 — Set 11: Q47 · Set 12: Q45 · Set 13: Q37 · Set 14: Q47

Field 25 m × 15 m fenced with two rows of wire

A rectangular field is 25 m long and 15 m wide. Find the total length of wire needed to fence it with two rows of wire all around.

(A) 160 m ✓
(B) 80 m
(C) 240 m
(D) 120 m

Simultala Set A Q15 Other sets → B: Q3 · C: Q7 · D: Q23 · E: Q15 · F: Q31 · G: Q39 · H: Q11 · I: Q35 · J: Q27 — Perimeter of a triangle

A triangle has sides 40 cm, 50 cm and 60 cm. Then the perimeter of this triangle is

एक त्रिभुज की भुजाएँ 40 सेमी, 50 सेमी और 60 सेमी हैं, तो इस त्रिभुज का परिमाप है

(A) 150 cm ✓
(B) 120 cm
(C) 220 cm
(D) None of these

VERY SIMILAR

Our Special Practice Test 27 — Set 11: Q45 · Set 12: Q54 · Set 13: Q59 · Set 14: Q63

Perimeter of triangle with sides 5, 6, 7 cm - add the three sides

What is the perimeter of a triangle with sides 5 cm, 6 cm and 7 cm?

(A) 18 cm ✓
(B) 11 cm
(C) 210 cm
(D) 13 cm

Simultala Set A Q17 Other sets → B: Q25 · C: Q29 · D: Q1 · E: Q33 · F: Q5 · G: Q13 · H: Q37 · I: Q9 · J: Q21 — Sum of fractions as decimal

The decimal form of the sum of $\frac{2}{5}$ and $\frac{7}{8}$ is

$\frac{2}{5}$ तथा $\frac{7}{8}$ के योग का दशमलव रूप है

(A) 1·275 ✓
(B) 1·875
(C) 0·875
(D) 2·175

VERY SIMILAR

Our Special Practice Test 32 — Set 11: Q45 · Set 12: Q58 · Set 13: Q68 · Set 14: Q54

3/10 + 0.5 as a decimal

Write 3/10 + 0.5 as a decimal.

(A) 0.08
(B) 0.35
(C) 3.5
(D) 0.8 ✓

Our Special Practice Test 26 — Set 11: Q50 · Set 12: Q41 · Set 13: Q62 · Set 14: Q31

3/8 + 1/4

Work out 3/8 + 1/4.

(A) 4/8
(B) 5/8 ✓
(C) 4/12
(D) 3/32

Our Special Practice Test 21 — Set 11: Q35 · Set 12: Q55 · Set 13: Q65 · Set 14: Q45

3/4 into a decimal

Change 3/4 into a decimal.

(A) 0.75 ✓
(B) 0.34
(C) 0.43
(D) 3.4

Simultala Set A Q18 Other sets → B: Q26 · C: Q30 · D: Q2 · E: Q34 · F: Q6 · G: Q14 · H: Q38 · I: Q10 · J: Q22 — Total bill (multiply and add)

55 chairs and 35 blackboards were purchased for a school. If each chair costs Rs. 1,165 and each blackboard costs Rs. 2,645, then the total amount of the bill is

एक विद्यालय के लिए 55 कुर्सियाँ तथा 35 ब्लैकबोर्ड खरीदे गये। यदि प्रत्येक कुर्सी का मूल्य 1,165 रु० तथा प्रत्येक ब्लैकबोर्ड का मूल्य 2,645 रु० है, तो बिल की कुल राशि है

(A) Rs. 1,56,650 ✓
(B) Rs. 1,57,650
(C) Rs. 1,58,650
(D) Rs. 1,55,650

VERY SIMILAR

Our Special Practice Test 8 — Set 11: Q63 · Set 12: Q65 · Set 13: Q45 · Set 14: Q58

12 tables at ₹650 and 18 chairs at ₹400 - total cost

A shopkeeper bought 12 tables at ₹650 each and 18 chairs at ₹400 each. He spent ₹60 on transport and sold every table and every chair at ₹520 each. Find his overall gain or loss.

(A) Loss of ₹540
(B) Gain of ₹600
(C) Gain of ₹540 ✓
(D) Loss of ₹600

Our Special Practice Test 26 — Set 11: Q36 · Set 12: Q61 · Set 13: Q35 · Set 14: Q45

3 notebooks at ₹25 and a pen - total spent

Mohan bought 3 notebooks at ₹25 each and a pen for ₹15. How much did he spend?

(A) ₹40
(B) ₹115
(C) ₹75
(D) ₹90 ✓

Simultala Set A Q19 Other sets → B: Q27 · C: Q31 · D: Q3 · E: Q35 · F: Q7 · G: Q15 · H: Q39 · I: Q11 · J: Q23 — Place value

The place value of underlined digit in the number 2<u>3</u>546 is
संख्या 2<u>3</u>546 में रेखांकित किए गए अंक का स्थानीय मान है

(A) 3000 ✓
(B) 3546
(C) 3500
(D) 4

VERY SIMILAR

Our Special Practice Test 21 — Set 11: Q62 · Set 12: Q65 · Set 13: Q35 · Set 14: Q46

Place value of 7 in 4,72,315

In the number 4,72,315, what is the place value of the digit 7?

(A) 70,000 ✓
(B) 7
(C) 7,00,000
(D) 7,000

Our Special Practice Test 28 — Set 11: Q42 · Set 12: Q35 · Set 13: Q60 · Set 14: Q54

Place value of 9 in 2,93,604

The digit 9 in 2,93,604 has a place value of:

(A) 9,000
(B) 9
(C) 9,00,000
(D) 90,000 ✓

Our Special Practice Test 26 — Set 11: Q49 · Set 12: Q59 · Set 13: Q41 · Set 14: Q57

Value of 3 in 3,08,456

In 3,08,456 the digit 3 stands for:

(A) 3 thousand
(B) 30 thousand
(C) 3 crore
(D) 3 lakh ✓

Simultala Set A Q20 Other sets → B: Q28 · C: Q32 · D: Q4 · E: Q36 · F: Q8 · G: Q16 · H: Q40 · I: Q12 · J: Q24 — Prime numbers in a range

Which numbers are prime numbers between 80 and 90 ?
संख्या 80 एवं 90 के बीच कौन-सी अभाज्य संख्यायें हैं ?

(A) 81, 82, 83
(B) 81, 85, 89
(C) 83, 89 ✓
(D) 81, 84, 87

VERY SIMILAR

Our Special Practice Test 12 — Set 11: Q53 · Set 12: Q63 · Set 13: Q39 · Set 14: Q58

Sum of all primes between 20 and 40

What is the sum of all the prime numbers between 20 and 40?

(A) 97
(B) 150
(C) 120 ✓
(D) 110

Our Special Practice Test 20 — Set 11: Q52 · Set 12: Q34 · Set 13: Q50 · Set 14: Q53

Smallest prime greater than 90

The smallest prime number greater than 90 is:

(A) 93
(B) 97 ✓
(C) 99
(D) 91

Our Special Practice Test 31 — Set 11: Q57 · Set 12: Q38 · Set 13: Q51 · Set 14: Q42

Which is not prime

Which of these is NOT a prime number?

(A) 53
(B) 61
(C) 51 ✓
(D) 59

Simultala Set A Q21 Other sets → B: Q17 · C: Q9 · D: Q13 · E: Q1 · F: Q37 · G: Q33 · H: Q5 · I: Q29 · J: Q17 — Missing fraction in an expression

The value of '?' in $3 - \frac{4}{5} + (?) - \frac{7}{15} = 2\frac{2}{5}$ is

$3 - \frac{4}{5} + (?) - \frac{7}{15} = 2\frac{2}{5}$ में '?' का मान है

(A) $\frac{1}{4}$ (B) $\frac{1}{3}$

(C) $\frac{2}{3}$ ✓ (D) $\frac{3}{4}$

VERY SIMILAR

Our Special Practice Test 18 — Set 11: Q40 · Set 12: Q40 · Set 13: Q52 · Set 14: Q35

What must be added to 3/8 to get 5/6

What must be added to 3/8 to get 5/6?

(A) 2/3 (B) 1/12

(C) 13/24 **(D) 11/24 ✓**

Our Special Practice Test 29 — Set 11: Q57 · Set 12: Q62 · Set 13: Q60 · Set 14: Q63

1 - 3/8

How much is 1 − 3/8?

(A) 2/7 (B) 3/8

(C) 5/8 ✓ (D) 1/4

Our Special Practice Test 23 — Set 11: Q32 · Set 12: Q35 · Set 13: Q58 · Set 14: Q36

5/6 - 1/6

Subtract 1/6 from 5/6 and give the answer in lowest terms.

(A) 5/36 (B) 1

(C) 2/3 ✓ (D) 4/12

Simultala Set A Q22 Other sets → B: Q18 · C: Q10 · D: Q14 · E: Q2 · F: Q38 · G: Q34 · H: Q6 · I: Q30 · J: Q18 — Weight of a dozen (multiplication)

Weight of 1 mango is 246 gm. What is the weight of 1 dozen of mangoes ?

1 आम का वजन 246 ग्राम है तो एक दर्जन आम का वजन कितना होगा ?

(A) 2952 grams ✓ (B) 3952 grams

(C) 1952 grams (D) 952 grams

VERY SIMILAR

Our Special Practice Test 14 — Set 11: Q42 · Set 12: Q45 · Set 13: Q49 · Set 14: Q50

One cake needs 350 g flour, flour for 6 cakes

One cake needs 350 g of flour. How much flour is needed for 6 cakes?

(A) 2.01 kg **(B) 2.1 kg ✓**

(C) 0.21 kg (D) 21 kg

Our Special Practice Test 24 — Set 11: Q69 · Set 12: Q48 · Set 13: Q42 · Set 14: Q69

1 dozen = 12 used in unitary sum

1 dozen bananas cost ₹60. What is the cost of 5 bananas?

(A) ₹30 (B) ₹20

(C) ₹25 ✓ (D) ₹12

Simultala Set A Q23 Other sets → B: Q19 · C: Q11 · D: Q15 · E: Q3 · F: Q39 · G: Q35 · H: Q7 · I: Q31 · J: Q19 — HCF of three numbers

The greatest number that exactly divides 36, 60 and 84 is
वह सबसे बड़ी संख्या जो 36, 60 एवं 84 को पूरी तरह से विभाजित करती है, है

(A) 13
(B) 12 ✓
(C) 14
(D) 11

VERY SIMILAR

Our Special Practice Test 27 — Set 11: Q39 · Set 12: Q68 · Set 13: Q62 · Set 14: Q45

Greatest number that divides both 15 and 25 exactly (HCF)

What is the greatest number that divides both 15 and 25 exactly?

(A) 3
(B) 5 ✓
(C) 1
(D) 75

Our Special Practice Test 32 — Set 11: Q61 · Set 12: Q42 · Set 13: Q70 · Set 14: Q41

Largest common factor of 30 and 45

What is the largest factor common to 30 and 45?

(A) 3
(B) 15 ✓
(C) 90
(D) 5

Our Special Practice Test 13 — Set 11: Q38 · Set 12: Q59 · Set 13: Q70 · Set 14: Q34

HCF of three measurements

What is the greatest length of a tape that can measure 4 m 20 cm, 5 m 60 cm and 7 m exactly?

(A) 280 cm
(B) 20 cm
(C) 140 cm ✓
(D) 70 cm

Simultala Set A Q25 Other sets → B: Q9 · C: Q33 · D: Q37 · E: Q25 · F: Q17 · G: Q1 · H: Q21 · I: Q5 · J: Q13 — Largest and smallest n-digit numbers

What is the sum of the largest and the smallest number of eight digits ?
आठ अंकों की सबसे बड़ी संख्या एवं सबसे छोटी संख्या का योग क्या है ?

(A) 9,999,999
(B) 109,999,999 ✓
(C) 1,099,099
(D) 109,999

VERY SIMILAR

Our Special Practice Test 26 — Set 11: Q33 · Set 12: Q55 · Set 13: Q39 · Set 14: Q53

Sum of smallest 3-digit and greatest 2-digit numbers

What is the sum of the smallest 3-digit number and the greatest 2-digit number?

(A) 199 ✓
(B) 189
(C) 200
(D) 109

Our Special Practice Test 31 — Set 11: Q70 · Set 12: Q68 · Set 13: Q52 · Set 14: Q59

Largest 5-digit number

Which is the largest number that has exactly 5 digits?

(A) 99,999 ✓
(B) 10,000
(C) 98,765
(D) 9,99,999

Our Special Practice Test 23 — Set 11: Q66 · Set 12: Q67 · Set 13: Q53 · Set 14: Q62

Smallest 5-digit number

Which is the smallest 5-digit number?

(A) 99,999
(B) 11,111
(C) 10,000 ✓
(D) 1,000

Simultala Set A Q26 Other sets → B: Q10 · C: Q34 · D: Q38 · E: Q26 · F: Q18 · G: Q2 · H: Q22 · I: Q6 · J: Q14 — Ordering like fractions

Arrange the following fractions with like denominators in ascending order (smallest to largest) : $\frac{3}{8}, \frac{1}{8}, \frac{7}{8}$ and $\frac{5}{8}$

समान हर वाले निम्नलिखित भिन्नों को आरोही क्रम (छोटे से बड़े) में व्यवस्थित करें : $\frac{3}{8}, \frac{1}{8}, \frac{7}{8}$ और $\frac{5}{8}$

(A) $\frac{7}{8}, \frac{5}{8}, \frac{3}{8}, \frac{1}{8}$
(B) $\frac{1}{8}, \frac{5}{8}, \frac{3}{8}, \frac{7}{8}$
(C) $\frac{1}{8}, \frac{3}{8}, \frac{5}{8}, \frac{7}{8}$ ✓
(D) $\frac{3}{8}, \frac{1}{8}, \frac{7}{8}, \frac{5}{8}$

VERY SIMILAR

Our Special Practice Test 27 — Set 11: Q53 · Set 12: Q53 · Set 13: Q50 · Set 14: Q59

Greatest of 2/9, 5/9, 4/9, 1/9 - like denominators

Which of these fractions is the greatest: 2/9, 5/9, 4/9 or 1/9?

(A) 4/9
(B) 1/9
(C) 2/9
(D) 5/9 ✓

Our Special Practice Test 16 — Set 11: Q66 · Set 12: Q66 · Set 13: Q65 · Set 14: Q40

Fractions in ascending order

Which of these shows 1/2, 2/3 and 3/5 in ascending order?

(A) 1/2, 2/3, 3/5
(B) 3/5, 1/2, 2/3
(C) 2/3, 3/5, 1/2
(D) 1/2, 3/5, 2/3 ✓

Simultala Set A Q27 Other sets → B: Q11 · C: Q35 · D: Q39 · E: Q27 · F: Q19 · G: Q3 · H: Q23 · I: Q7 · J: Q15 — Greatest n-digit number divisible by a given number

Find the greatest 9-digit number which is exactly divided by 85.

9 अंकों की वह सबसे बड़ी संख्या बताइए जो 85 से पूरी तरह विभाजित होती है।

(A) 999,999,825
(B) 999,999,925 ✓
(C) 999,999,725
(D) 999,999,625

VERY SIMILAR

Our Special Practice Test 14 — Set 11: Q37 · Set 12: Q55 · Set 13: Q43 · Set 14: Q68

Largest 5-digit number exactly divisible by 25

What is the largest 5-digit number exactly divisible by 25?

(A) 99990
(B) 99975 ✓
(C) 99980
(D) 99950

Our Special Practice Test 17 — Set 11: Q52 · Set 12: Q58 · Set 13: Q44 · Set 14: Q64

Smallest 5-digit number divisible by 45

The smallest 5-digit number exactly divisible by 45 is:

(A) 10035 ✓
(B) 10005
(C) 10045
(D) 10080

Our Special Practice Test 13 — Set 11: Q57 · Set 12: Q47 · Set 13: Q58 · Set 14: Q37

Smallest 4-digit number divisible by 18

What is the smallest 4-digit number that is exactly divisible by 18?

(A) 1018
(B) 1008 ✓
(C) 1000
(D) 1026

Simultala Set A Q28 Other sets → B: Q12 · C: Q36 · D: Q40 · E: Q28 · F: Q20 · G: Q4 · H: Q24 · I: Q8 · J: Q16 HCF - longest measuring tape

The length, breadth and height of a room are 1050 cm, 750 cm and 425 cm respectively. The length of the longest tape which can measure the three dimensions of the room exactly is
किसी कमरे की लम्बाई, चौड़ाई तथा ऊँचाई क्रमशः 1050 सेमी, 750 सेमी तथा 425 सेमी है। सबसे लम्बे मापक की लम्बाई जिससे कमरे की तीनों विमाओं को ठीक-ठीक मापा जा सके, होगी

(A) 125 cm
(B) 150 cm
(C) 25 cm ✓
(D) 50 cm

VERY SIMILAR

Our Special Practice Test 13 — Set 11: Q38 · Set 12: Q59 · Set 13: Q70 · Set 14: Q34

Greatest length of tape measuring 4 m 20 cm, 5 m 60 cm, 7 m exactly (HCF)

What is the greatest length of a tape that can measure 4 m 20 cm, 5 m 60 cm and 7 m exactly?

(A) 280 cm
(B) 20 cm
(C) 140 cm ✓
(D) 70 cm

Simultala Set A Q29 Other sets → B: Q33 · C: Q13 · D: Q5 · E: Q37 · F: Q1 · G: Q21 · H: Q17 · I: Q25 · J: Q9 Time after some minutes

A clock shows 7:25. After 50 minutes, what will be the time ?
एक घड़ी में 7:25 बजे हैं। 50 मिनट बाद समय क्या होगा ?

(A) 8:05
(B) 8:10
(C) 8:15 ✓
(D) 8:20

VERY SIMILAR

Our Special Practice Test 31 — Set 11: Q34 · Set 12: Q31 · Set 13: Q33 · Set 14: Q45

Time 45 minutes after 11:30 a.m.

What time will it be 45 minutes after 11:30 a.m.?

(A) 12:15 a.m.
(B) 11:15 a.m.
(C) 12:15 p.m. ✓
(D) 12:05 p.m.

Our Special Practice Test 23 — Set 11: Q37 · Set 12: Q61 · Set 13: Q63 · Set 14: Q35

Film starts 2:30, lasts 2 h 15 min - end time

A film started at 2:30 p.m. and lasted 2 hours 15 minutes. When did it end?

(A) 5:45 p.m.
(B) 4:45 p.m. ✓
(C) 4:30 p.m.
(D) 4:15 p.m.

Simultala Set A Q30 Other sets → B: Q34 · C: Q14 · D: Q6 · E: Q38 · F: Q2 · G: Q22 · H: Q18 · I: Q26 · J: Q10 — Volume - cube recast into cuboid

A solid metallic cuboid of length 9 cm and width 8 cm is formed by melting a solid metallic cube of side 6 cm. The height of the cuboid is
धातु के 6 सेमी भुजा वाले एक ठोस घन को पिघलाकर एक घनाभ बनाया गया जिसकी लम्बाई 9 सेमी तथा चौड़ाई 8 सेमी है। घनाभ की ऊँचाई है

(A) 6 cm
(B) 3 cm ✓
(C) 4 cm
(D) 2 cm

VERY SIMILAR

Our Special Practice Test 2 — Set 11: Q37 · Set 12: Q33
Cuboid melted and recast into cubes - same volume-is-conserved idea

A wooden cuboid of size 12 cm × 8 cm × 6 cm is melted and recast into small cubes of edge 2 cm each. How many such small cubes will be formed?

(A) 72 ✓
(B) 48
(C) 60
(D) 96

Our Special Practice Test 20 — Set 11: Q38 · Set 12: Q33 · Set 13: Q42 · Set 14: Q69
Cuboid volume 1440 cm³, find height from length and breadth

A cuboid has a volume of 1440 cm³, a length of 16 cm and a breadth of 9 cm. Its height is:

(A) 12 cm
(B) 8 cm
(C) 15 cm
(D) 10 cm ✓

Our Special Practice Test 6 — Set 11: Q64 · Set 12: Q51 · Set 13: Q40 · Set 14: Q63
Volume 1440 cm³, length 20, breadth 12, find height

The volume of a cuboid is 1440 cm³. If its length is 20 cm and its breadth is 12 cm, its height is:

(A) 6 cm ✓
(B) 5 cm
(C) 7.5 cm
(D) 8 cm

Simultala Set A Q31 Other sets → B: Q35 · C: Q15 · D: Q7 · E: Q39 · F: Q3 · G: Q23 · H: Q19 · I: Q27 · J: Q11 — Roman numeral subtraction

A number written in Roman numerals LXXIX − XXXIX is equal to
रोमन अंकों में लिखी संख्या LXXIX − XXXIX बराबर है

(A) XXIX
(B) CIX
(C) XC
(D) XL ✓

VERY SIMILAR

Our Special Practice Test 30 — Set 11: Q50 · Set 12: Q32 · Set 13: Q42 · Set 14: Q57
LX - X in Roman numerals - same type

What is LX − X, written in Roman numerals?

(A) XL
(B) LV
(C) L ✓
(D) LXX

Simultala Set A Q32 Other sets → B: Q36 · C: Q16 · D: Q8 · E: Q40 · F: Q4 · G: Q24 · H: Q20 · I: Q28 · J: Q12 — Number series (doubling)

What will be the next number in the following series ?
2, 4, 8, 16, ?
निम्नलिखित श्रृंखला में अगली संख्या क्या होगी ?
2, 4, 8, 16, ?

(A) 18
(B) 24
(C) 32 ✓
(D) 36

VERY SIMILAR

Our Special Practice Test 21 — Set 11: Q57 · Set 12: Q64 · Set 13: Q52 · Set 14: Q69

3, 6, 12, 24, ... - doubling series

Find the next number in the pattern 3, 6, 12, 24, ...

(A) 48 ✓
(B) 30
(C) 42
(D) 36

Our Special Practice Test 10 — Set 11: Q40 · Set 12: Q57 · Set 13: Q34 · Set 14: Q44

Doubling grains each day

A king promised one grain of wheat on the first day, two on the second, four on the third, and so on, doubling every day. How many grains would he give on the twelfth day?

(A) 4096
(B) 1024
(C) 2048 ✓
(D) 24

Simultala Set A Q33 Other sets → B: Q21 · C: Q37 · D: Q29 · E: Q9 · F: Q13 · G: Q17 · H: Q25 · I: Q1 · J: Q5 — LCM with remainder

Find the least number which when divided by 40, 55 and 75 leaves 8 as remainder.
वह सबसे छोटी संख्या ज्ञात कीजिए जिसे 40, 55 और 75 से विभाजित करने पर शेषफल 8 बचे।

(A) 6607
(B) 6609
(C) 6608 ✓
(D) 6610

VERY SIMILAR

Our Special Practice Test 6 — Set 11: Q33 · Set 12: Q38 · Set 13: Q34 · Set 14: Q69

Least number divided by 15, 20, 25 leaves remainder 8 - same remainder 8

The least number which, when divided by 15, 20 and 25, leaves a remainder of 8 in each case is:

(A) 288
(B) 308 ✓
(C) 300
(D) 316

Our Special Practice Test 13 — Set 11: Q42 · Set 12: Q62 · Set 13: Q64 · Set 14: Q44

Least number divided by 6, 8, 12 leaves remainder 3

What is the least number which, when divided by 6, 8 and 12, leaves a remainder of 3 in each case?

(A) 24
(B) 21
(C) 27 ✓
(D) 51

Simultala Set A Q35 Other sets → B: Q23 · C: Q39 · D: Q31 · E: Q11 · F: Q15 · G: Q19 · H: Q27 · I: Q3 · J: Q7 — Dividing a length into equal pieces (decimals)

If a rope of 2·5 m is cut into 25 equal pieces, what is the length of each piece ?
यदि 2·5 मी लम्बी रस्सी को 25 बराबर टुकड़ों में काटा जाए, तो प्रत्येक टुकड़े की लम्बाई कितनी होगी ?

(A) 0·25 m
(B) 0·1 m ✓
(C) 0·05 m
(D) 0·01 m

VERY SIMILAR

Our Special Practice Test 24 — Set 11: Q47 · Set 12: Q51 · Set 13: Q70 · Set 14: Q58

Ribbon 3.5 m cut into 7 equal pieces - same type

A ribbon 3.5 m long is cut into 7 equal pieces. How long is each piece?

(A) 0.05 m
(B) 5 m
(C) 2 m
(D) 0.5 m ✓

Our Special Practice Test 30 — Set 11: Q31 · Set 12: Q35 · Set 13: Q56 · Set 14: Q66

10 m rope into 2.5 m pieces

From a 10 m rope, pieces of 2.5 m are cut. How many pieces do we get?

(A) 25
(B) 5
(C) 4 ✓
(D) 8

Simultala Set A Q36 Other sets → B: Q24 · C: Q40 · D: Q32 · E: Q12 · F: Q16 · G: Q20 · H: Q28 · I: Q4 · J: Q8 — Roman numerals (hundreds)

Which of the following is the correct representation of 446 in Roman numerals ?
निम्न में से कौन-सा 446 का रोमन अंकों में सही निरूपण है ?

(A) DCXLVI
(B) CDXLVI ✓
(C) CCXLVI
(D) CLXXVI

VERY SIMILAR

Our Special Practice Test 28 — Set 11: Q41 · Set 12: Q70 · Set 13: Q36 · Set 14: Q39

CD = 400

What number does CD stand for in Roman numerals?

(A) 140
(B) 600
(C) 400 ✓
(D) 500

Our Special Practice Test 21 — Set 11: Q49 · Set 12: Q36 · Set 13: Q69 · Set 14: Q64

XLIX = 49 (XL for 40)

What is the Roman numeral for 49?

(A) XXXXIX
(B) XLIX ✓
(C) IL
(D) XLVIIII

Our Special Practice Test 24 — Set 11: Q31 · Set 12: Q38 · Set 13: Q51 · Set 14: Q51

LXV = 65

Which number is written in Roman numerals as LXV?

(A) 65 ✓
(B) 45
(C) 115
(D) 56

Simultala Set A Q38 Other sets → B: Q6 · C: Q18 · D: Q26 · E: Q30 · F: Q34 · G: Q10 · H: Q30 · I: Q22 · J: Q2 — Clock losing time (unitary)

If a clock loses 5 minutes in 24 hours, how many minutes will it lose in 7 days ?
यदि एक घड़ी 24 घण्टे में 5 मिनट पीछे रह जाती है, तो 7 दिनों में वह कितने मिनट पीछे रहेगी ?

(A) 40 minutes
(B) 30 minutes
(C) 32 minutes
(D) 35 minutes ✓

VERY SIMILAR

Our Special Practice Test 13 — Set 11: Q56 · Set 12: Q41 · Set 13: Q54 · Set 14: Q33

Clock loses 4 min every hour - find total loss over 12 hours

A clock is set right at 7:00 a.m. It loses 4 minutes every hour. What time will it show at 7:00 p.m. on the same day?

(A) 6:12 p.m. ✓
(B) 6:48 p.m.
(C) 7:48 p.m.
(D) 6:12 a.m.

Simultala Set A Q39 Other sets → B: Q7 · C: Q19 · D: Q27 · E: Q31 · F: Q35 · G: Q11 · H: Q31 · I: Q23 · J: Q3 — Three consecutive even numbers

The sum of three consecutive even numbers is 222. Find the numbers.
तीन लगातार सम संख्याओं का योगफल 222 है। संख्याएँ ज्ञात करें।

(A) 76, 78, 80
(B) 74, 76, 70
(C) 70, 72, 74
(D) 72, 74, 76 ✓

VERY SIMILAR

Our Special Practice Test 17 — Set 11: Q32 · Set 12: Q63 · Set 13: Q40 · Set 14: Q31

Sum of three consecutive even numbers is 78 - same method

The sum of three consecutive even numbers is 78. The largest of them is:

(A) 26
(B) 24
(C) 28 ✓
(D) 30

Simultala Set A Q40 Other sets → B: Q8 · C: Q20 · D: Q28 · E: Q32 · F: Q36 · G: Q12 · H: Q32 · I: Q24 · J: Q4 — Litres to millilitres

1·5 litre = how many millilitres ?
1·5 लीटर = कितने मिलीलीटर ?

(A) 100
(B) 150
(C) 1500 ✓
(D) 15

VERY SIMILAR

Our Special Practice Test 21 — Set 11: Q31 · Set 12: Q44 · Set 13: Q45 · Set 14: Q44

3 L 250 mL to millilitres

How many millilitres make 3 litres 250 millilitres?

(A) 3,025 mL
(B) 3,250 mL ✓
(C) 325 mL
(D) 32,500 mL

Our Special Practice Test 26 — Set 11: Q63 · Set 12: Q35 · Set 13: Q65 · Set 14: Q33

6000 mL to litres

Convert 6,000 mL into litres.

(A) 600 L
(B) 60 L
(C) 6 L ✓
(D) 0.6 L

Our Special Practice Test 31 — Set 11: Q37 · Set 12: Q57 · Set 13: Q46 · Set 14: Q51

1.5 km to metres - same ×1000 with 1.5

What is 1.5 km in metres?

(A) 1,500 m ✓
(B) 15,000 m
(C) 15 m
(D) 150 m

SAME TOPIC — 6 questions

Simultala Set A Q5 Other sets → B: Q29 · C: Q1 · D: Q17 · E: Q21 · F: Q9 · G: Q25 · H: Q13 · I: Q37 · J: Q33 — Fraction to decimal (mixed number)

The decimal form of $17\frac{5}{9}$ is

$17\frac{5}{9}$ का दशमलव रूप है

(A) 17·56 ✓
(B) 17·47
(C) 14·56
(D) 16·47

SAME TOPIC

Our Special Practice Test 21 — Set 11: Q35 · Set 12: Q55 · Set 13: Q65 · Set 14: Q45

3/4 into a decimal

Change 3/4 into a decimal.

(A) 0.75 ✓
(B) 0.34
(C) 0.43
(D) 3.4

Our Special Practice Test 30 — Set 11: Q64 · Set 12: Q46 · Set 13: Q38 · Set 14: Q62

3/20 as a decimal

Which decimal is equal to 3/20?

(A) 0.32
(B) 0.15 ✓
(C) 0.315
(D) 1.5

Our Special Practice Test 28 — Set 11: Q57 · Set 12: Q42 · Set 13: Q50 · Set 14: Q50

1/5 as a decimal

1/5 is the same as which decimal?

(A) 0.5
(B) 1.5
(C) 0.2 ✓
(D) 0.15

Simultala Set A Q14 Other sets → B: Q2 · C: Q6 · D: Q22 · E: Q14 · F: Q30 · G: Q38 · H: Q10 · I: Q34 · J: Q26 Average (find unknown)

The average of 15, 12, 17, (x + 5), (x − 1) and 42 is 30. The value of x is
15, 12, 17, (x + 5), (x − 1) तथा 42 का औसत 30 है। x का मान है

(A) 20
(B) 32
(C) 45 ✓
(D) 40

SAME TOPIC

Our Special Practice Test 20 — Set 11: Q33 · Set 12: Q55 · Set 13: Q36 · Set 14: Q60

Uses average × count = total to find a missing number

The average of four numbers is 30. When one number is removed, the average of the rest becomes 28. The number removed is:

(A) 2
(B) 30
(C) 32
(D) 36 ✓

Our Special Practice Test 26 — Set 11: Q46 · Set 12: Q67 · Set 13: Q37 · Set 14: Q39

Average of four numbers

What is the average of 4, 6, 8 and 10?

(A) 7 ✓
(B) 8
(C) 6
(D) 28

Our Special Practice Test 12 — Set 11: Q40 · Set 12: Q36 · Set 13: Q32 · Set 14: Q49

Average with one value unknown (teacher age)

The average age of 24 students is 12 years. When the teacher's age is included, the average increases by 1 year. What is the teacher's age?

(A) 37 years ✓
(B) 36 years
(C) 38 years
(D) 13 years

Simultala Set A Q16 Other sets → B: Q4 · C: Q8 · D: Q24 · E: Q16 · F: Q32 · G: Q40 · H: Q12 · I: Q36 · J: Q28 Angles at the centre (360° split equally)

If a circle is divided into 6 equal sectors by drawing three intersecting diameters through its centre, what is the measure of the central angle of each sector ?
अगर एक वृत्त के केंद्र से तीन प्रतिच्छेदी व्यास खींचकर उसे 6 बराबर भागों में बाँटा जाए, तो हर भाग का केन्द्रीय कोण कितना होगा ?

(A) 30°
(B) 60° ✓
(C) 90°
(D) 120°

SAME TOPIC

Our Special Practice Test 28 — Set 11: Q45 · Set 12: Q37 · Set 13: Q48 · Set 14: Q68

One complete turn = 360°

How many degrees make one complete turn?

(A) 360° ✓
(B) 270°
(C) 90°
(D) 180°

Our Special Practice Test 32 — Set 11: Q42 · Set 12: Q32 · Set 13: Q56 · Set 14: Q32

360° on a clock face split into 12 equal parts = 30°

How many degrees apart are the numbers 12 and 1 on a clock face?

(A) 15°
(B) 12°
(C) 60°
(D) 30° ✓

Our Special Practice Test 2 — Set 11: Q31 · Set 12: Q52

Clock at 4:00 - 360° divided into equal parts

The hands of a clock show the time as 4:00 exactly. What is the angle between the hour hand and the minute hand at that moment?

(A) 90°
(B) 100°
(C) 120° ✓
(D) 150°

Simultala Set A Q24 Other sets → B: Q20 · C: Q12 · D: Q16 · E: Q4 · F: Q40 · G: Q36 · H: Q8 · I: Q32 · J: Q20 — Classifying a triangle from its angles

One angle of a triangle is half of a right angle and another angle is 15° more than $\frac{1}{3}$rd of a right angle. Name of the triangle based on its sides and angles is

किसी त्रिभुज का एक कोण, समकोण का आधा है तथा एक अन्य कोण, समकोण के एक-तिहाई से 15° अधिक है। भुजाओं तथा कोणों के आधार पर त्रिभुज का नाम है

(A) Scalene acute angled triangle
(B) Scalene right-angled triangle
(C) Isosceles right-angled triangle ✓
(D) Isosceles obtuse angled triangle

SAME TOPIC

Our Special Practice Test 26 — Set 11: Q41 · Set 12: Q42 · Set 13: Q64 · Set 14: Q55

One angle 90°, another 35° - find the third (angle sum)

In a triangle, one angle is 90° and another is 35°. Find the third angle.

(A) 65°
(B) 145°
(C) 55° ✓
(D) 45°

Our Special Practice Test 27 — Set 11: Q48 · Set 12: Q39 · Set 13: Q46 · Set 14: Q67

Triangle with a 90° angle = right-angled

What is a triangle with one angle of 90° called?

(A) an equilateral triangle
(B) an obtuse-angled triangle
(C) a right-angled triangle ✓
(D) an acute-angled triangle

Our Special Practice Test 2 — Set 11: Q38 · Set 12: Q48

Angles of a right-angled triangle from a relation between them

In a right-angled triangle, one acute angle is twice the other. Find the measures of the two acute angles.

(A) 30° and 45°
(B) 30° and 60° ✓
(C) 30° and 50°
(D) 45° and 45°

Simultala Set A Q34 Other sets → B: Q22 · C: Q38 · D: Q30 · E: Q10 · F: Q14 · G: Q18 · H: Q26 · I: Q2 · J: Q6 — Division - finding the other factor

The product of two numbers is 115625. If one number is 125, then what will be the other number ?

दो संख्याओं का गुणनफल 115625 है। उनमें से एक संख्या 125 है, तो दूसरी संख्या क्या होगी ?

(A) 825
(B) 925 ✓
(C) 625
(D) 1025

SAME TOPIC

Our Special Practice Test 32 — Set 11: Q62 · Set 12: Q48 · Set 13: Q37 · Set 14: Q47

What number divided by 7 gives 56 (inverse operations)

What number divided by 7 gives 56?

(A) 392 ✓
(B) 49
(C) 8
(D) 63

Our Special Practice Test 27 — Set 11: Q32 · Set 12: Q45 · Set 13: Q53 · Set 14: Q47

Long division 1,260 ÷ 35

A school shares 1,260 chairs equally among 35 rooms. How many chairs does each room get?

(A) 360
(B) 32
(C) 36 ✓
(D) 34

Simultala Set A Q37 Other sets → B: Q5 · C: Q17 · D: Q25 · E: Q29 · F: Q33 · G: Q9 · H: Q29 · I: Q21 · J: Q1 | Mixed fractions - multiply and subtract

Simplify : $9\frac{3}{7} \times 5\frac{1}{6} - 3\frac{1}{2}$.

सरल करें : $9\frac{3}{7} \times 5\frac{1}{6} - 3\frac{1}{2}$.

(A) $41\frac{1}{2}$

(B) $45\frac{3}{14}$ ✓

(C) $64\frac{2}{15}$

(D) $38\frac{1}{2}$

SAME TOPIC

Our Special Practice Test 24 — Set 11: Q50 · Set 12: Q70 · Set 13: Q56 · Set 14: Q59

Mixed number to improper fraction

Write the mixed number 2 1/3 as an improper fraction.

(A) 5/3

(B) 3/7

(C) 7/3 ✓

(D) 6/3

Our Special Practice Test 27 — Set 11: Q59 · Set 12: Q63 · Set 13: Q56 · Set 14: Q70

Multiplying fractions

Find the product 4 × 2/3.

(A) 8/3 ✓

(B) 4/3

(C) 6/5

(D) 8/12

Our Special Practice Test 12 — Set 11: Q46 · Set 12: Q48 · Set 13: Q35 · Set 14: Q45

Fraction-of chain multiplication

What is the value of 3/4 of 2/5 of 1/3 of 600?

(A) 45

(B) 80

(C) 60 ✓

(D) 120