





WBCE 2022



MATHS

SQUARE ROOTS



 12:30 PM

 24 Feb 2022

SQUARES FOR 75 - 125

$(83)^2 \rightarrow -17$

$$\begin{array}{r}
 289 \\
 + 680 \\
 \hline
 6889
 \end{array}$$

✓

BASE NUMBER - THE NUMBER ITSELF

I ⇒ Compare with 100

$(94)^2 \Rightarrow -6$

8836 ✓

SQUARES FOR 75 - 125

$$(108)^2 \rightarrow +8$$

$$\boxed{11664}$$

✓ BASE NUMBER-THE NUMBER ITSELF

100

$$(114)^2 \Rightarrow +14$$

$$\begin{array}{r} 128 \dots \\ +196 \\ \hline 12996 \end{array}$$

$$(123)^2 \Rightarrow$$

SQUARE ROOT OF PERFECT SQUARE NUMBERS

$$\sqrt{5184}$$



$$\boxed{72}$$

$$78$$

NUMBERS - 2, 3, 7, 8

Next Multiple Result (N.M.R.)

$$7 \times 8 = 56 > 51$$

N.M.R. >

Answers → Smaller numbers.

$$\sqrt{3136}$$

$$\Rightarrow 56$$

$$\boxed{56}$$

$$N.M.R. \Rightarrow 5 \times 6 = 30$$

N.M.R. <

Unit's place.

$$1^2 = 1$$

$$2^2 = 4$$

$$3^2 = 9$$

$$4^2 = 16$$

$$5^2 = 25$$

$$6^2 = 36$$

$$7^2 = 49$$

$$8^2 = 64$$

$$9^2 = 81$$

$$10^2 = 100$$

SQUARE ROOT OF PERFECT SQUARE NUMBERS

$21^2 = 441$

$$\begin{array}{r} \sqrt{45369} \\ \underline{420} \\ 336 \\ \underline{336} \\ 0000 \end{array}$$

213 ✓
217

$21 \times 22 = 462$

N.M.R. >

Ans. 213

- $1^2 = 1$
- $2^2 = 4$
- ✓ $3^2 = 9$
- $4^2 = 16$
- $5^2 = 25$
- $6^2 = 36$
- ✓ $7^2 = 49$
- $8^2 = 64$
- $9^2 = 81$
- $10^2 = 100$

SQUARE ROOT OF PERFECT SQUARE NUMBERS

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$$8^2 = 64$$

$$9^2 = 81$$

$$10^2 = 100$$

SQUARE ROOT OF PERFECT SQUARE NUMBERS

$$\sqrt{3969} \checkmark$$

$$\sqrt{12544} \checkmark$$

H/W

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SQUARE ROOT OF PERFECT SQUARE NUMBERS

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WBCS BATCH 2022



SUMANA MAHENDRAS
(GS)



ANURAG MAHENDRAS
(GA/GS)



BORNON MAHENDRAS
(GA/GS)



SHIRSITA MAHENDRAS
(GA/GS)



VISHAL MAHENDRAS
(MATHS)



AYAN MAHENDRAS
(GS)



SRAYA MAHENDRAS
(ENGLISH)



NITESH MAHENDRAS
(REASONING)



MONDAY TO FRIDAY - 11:30 AM TO 1:30 PM

W.B.C.S - YouTube schedule for 5-days

TIMING	DAYS				
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
11:30	ECO	CA	ECO	POL	BEN
12:00	REAS	SCI	POL	SCI	REAS
12:30	ENG	MATHS	ENG	MATHS	ENG
13:00	GEO	HIS	GEO	HIS	HIS

WBCS BATCH 2022



WBCS OFFLINE BATCH STARTS FORM

26TH FEBRUARY

TIMING - 1:30-5:30PM

BOOK YOUR SEAT NOW

9230141497/8017652045/6386903177/6291322109

