



SSC MTS/HAWALDAR/CHSL



MATHS

SQUARE & SQUARE ROOT

मात्र 2 सेकेण्ड में

तैयारी जीत की...


LIVE



06:30 PM








Real Champs


 **Muskan Raj** 3 days ago (edited)
Coin question -132
Milk and water -60 litre
And last one question answer may be 155



  REPLY


 **Ajaya kumar** 3 days ago
Milk and water
60 lit water added

  REPLY

[View reply from Mahendras](#)


 **Ajaya kumar** 3 days ago
132



  REPLY


 **Pradipta Icarus** 2 days ago
50 paise 132

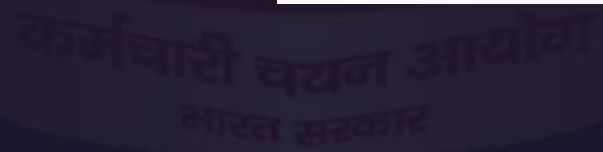
 **muskan gupta** 3 days ago
132

  REPLY

 **Shubham Kashyap** 3 days ago
Milk and Water Question...
60 lt.

  REPLY

 **Shubham Kashyap** 3 days ago
Coins Question..
Answer - 132





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RULE : Formula method

नियम : सूत्र विधि

$$(ab)^2 = a^2 / 2ab / b^2$$





$1^2 = 1$	$11^2 = 121$	$21^2 = 441$
$2^2 = 4$	$12^2 = 144$	$22^2 = 484$
$3^2 = 9$	$13^2 = 169$	$23^2 = 529$
$4^2 = 16$	$14^2 = 196$	$24^2 = 576$
$5^2 = 25$	$15^2 = 225$	$25^2 = 625$
$6^2 = 36$	$16^2 = 256$	$26^2 = 676$
$7^2 = 49$	$17^2 = 289$	$27^2 = 729$
$8^2 = 64$	$18^2 = 324$	$28^2 = 784$
$9^2 = 81$	$19^2 = 361$	$29^2 = 841$
$10^2 = 100$	$20^2 = 400$	$30^2 = 900$



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RULE :- If unit place is '5'

नियम :- यदि इकाई का अंक '5'





Respect (compare)	Base
100	Same number
50	25

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भारत सरकार



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भारत सरकार



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SQUARE ROOT OF PERFECT SQUARES

पूर्ण वर्ग का वर्ग मूल



$$1^2 = 1$$

$$2^2 = 4$$

$$3^2 = 9$$

$$4^2 = 16$$

$$5^2 = 25$$

$$6^2 = 36$$

$$7^2 = 49$$

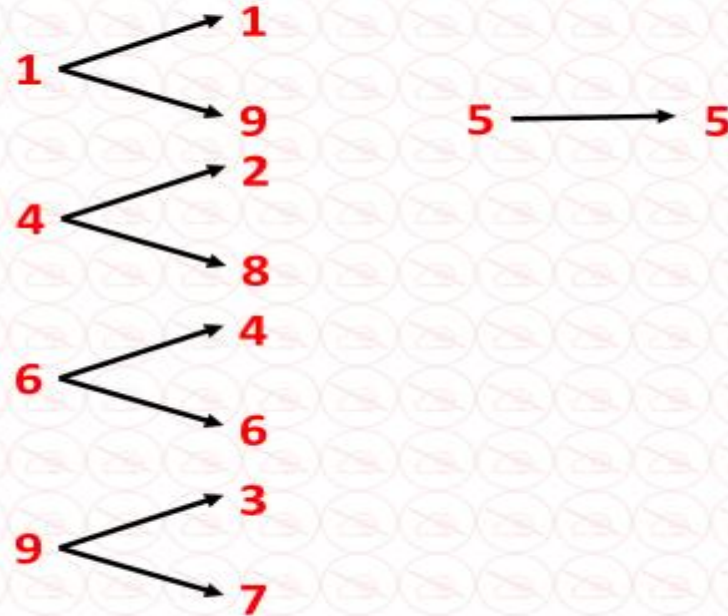
$$8^2 = 64$$

$$9^2 = 81$$

$$10^2 = 100$$

Rule: The digits 2,3,7 & 8 can never occupy the unit place of a perfect square.

नियम : अंक 2,3,7 & 8 किसी भी पूर्ण वर्ग के इकाई के अंक के स्थान पर कभी नहीं आ सकते।





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$$\sqrt{1764}$$





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$$\sqrt{2916}$$





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$$\sqrt{6084}$$





SSC MTS/HAWALDAR/CHSL

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$$\sqrt{1369}$$





SSC MTS/HAWALDAR/CHSL

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$$\sqrt{4225}$$





SSC MTS/HAWALDAR/CHSL

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$$\sqrt{8464}$$





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$$\sqrt{12544}$$





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$$\sqrt{13924}$$





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$$\sqrt{16129}$$





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$$\sqrt{17689}$$





Golden Points-

If the last digit of any number is 2, 3, 7, 8 then the number will not be the perfect square.

यदि किसी संख्या का अंतिम अंक 2, 3, 7, 8 हो तो वह संख्या पूर्ण वर्ग नहीं होगी।

The number will be a perfect square if the digital sum of the number is 1, 4, 7, 9.

यदि संख्या का अंकीय योग 1, 4, 7, 9 है तो वह संख्या पूर्ण वर्ग होगी।

If a number is perfect square then the last two digits of that number will be same as the square of the last two digit between 1 to 25.

यदि कोई संख्या पूर्ण वर्ग है तो उस संख्या के अंतिम दो अंक 1 से 25 के बीच के वर्ग के अंतिम दो अंकों के समान होंगे।



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$$\sqrt{0.01} + \sqrt{0.0064} = ?$$

1. 0.03
2. 0.3
3. 0.42
4. NOT