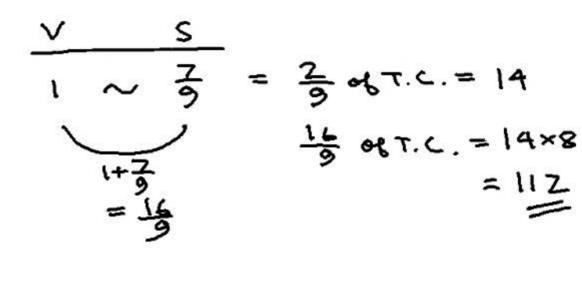
	chocolates with Seoni is 7/9th of the olates with Varsha. If Varsha has
	ore than Seoni, then find the total
number of choco	lates with them.
(A) 48	(B) 80
(C) 96	(D) 112

- The age of a woman is thrice that of her daughter. When the woman was 29 years old, her only son, who is three years younger to her only daughter, was born. What is the present age of her son?
 - (A) 8 years (B) 9 years (C) 10 years (D) 11 years
- Find the smaller of two numbers whose sum is 250 and whose difference of squares is 9000.
 - (A) 109 (B) 141 (C) 107 (D) 100
- The difference between a three-digit number and the number formed by reversing its digits is 396.
 The difference of the hundreds and the units digits is one less than the sum of the units and the tens digits. Also, the hundreds digit is twice the units digit. Find the number.
 - (A) 418 (B) 412 (C) 612 (D) 814

 The number of chocolates with Seoni is 7/9th of the number of chocolates with Varsha. If Varsha has 14 chocolates more than Seoni, then find the total number of chocolates with them. (A) 48 (B) 80 (C) 96 (D) 112 The age of a woman is thrice that of her daughter. When the woman was 29 years old, her only son, who is three years younger to her only daughter, was born. What is the present age of her son? (A) 8 years (B) 9 years (C) 10 years (D) 11 years Find the smaller of two numbers whose sum is 250 and whose difference of squares is 9000. (A) 109 (B) 141 (C) 107 (D) 100 • The difference between a three-digit number and the number formed by reversing its digits is 396. The difference of the hundreds and the units digits is one less than the sum of the units and the tens digits. Also, the hundreds digit is twice the units digit. Find the number. (A) 418 (B) 412 (C) 612 (D) 814



- The number of chocolates with Seoni is 7/9th of the number of chocolates with Varsha If Varsha has 14 chocolates more than Seoni, then find the total number of chocolates with them
 - (A) 48

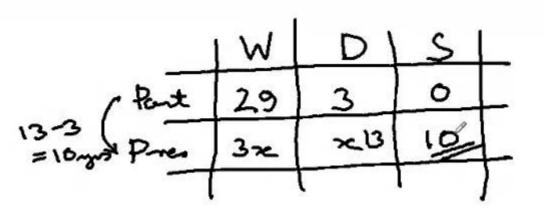
- (B) 80
- (C) 96 (D) 112
- The age of a woman is thrice that of her daughter. When the woman was 29 years old, her only son, who is three years younger to her only daughter. was born. What is the present age of her son?
 - (A) 8 years (C) 10 years
- (B) 9 years (D) 11 years
- Find the smaller of two numbers whose sum is 250 and whose difference of squares is 9000.
 - (A) 109

(B) 141

(C) 107

- (D) 100
- The difference between a three-digit number and the number formed by reversing its digits is 396. The difference of the hundreds and the units digits is one less than the sum of the units and the tens digits. Also, the hundreds digit is twice the units digit. Find the number.
 - (A) 418

- (B) 412
- (C) 612 (D) 814



= 11(22+14)

Origther: - Kenth is always a multiple of 11.

9x-94 = 9(2-4)

2 Remete (a) = (T-U)

ded teetwo: -Result (a) = Joptes digits lose try B) Orig-Rev :- O@rig-Rev)ter 104+2 11 xc + 11/4 mulaple of 9 10x+y = (1(20+14) 2 Penelt (a) = (T-U) I always a multiple of 11. 9x-5y = 9(--4)

 The number of chocolates with Seoni is 7/9th of the number of chocolates with Varsha if Varsha has 14 chocolates more than Seoni, then find the total number of chocolates with them.

(C) 96

(D) 112

 The age of a woman is thrice that of her daughter When the woman was 29 years old, her boly son, who is force years younger to her only daughter, was born. What is the present age of her son?

(A) 8 years (C) 10 years

(B) 9 years (D) 11 years

 Find the smaller of two numbers whose sum is 250 and whose difference of squares is 9000.

(A) 109

(B) 141

(C) 107

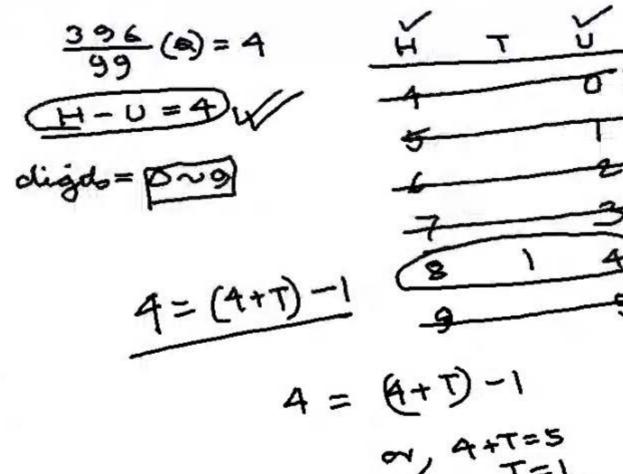
• The difference between a three-digit number and the number formed by reversing its digits is 396. The difference of the hundreds and the units digits is one less than the sum of the units and the tens digits. Also, the hundreds digit is twice the units. digit. Find the number.

(A) 418

(B) 412

(C) 612

(D) 814



- oranges is ₹43. The cost of five apples, three mangoes and six oranges is ₹66. Find the cost of each apple.

 (A) ₹5 (B) ₹6

(D) Cannot be determined

 The cost of three pens, five pencils and two books is ₹68. The cost of six pens, seven pencils and four books is ₹121. The cost of nine pens, fifteen pencils and six books is ₹204. Find the cost of each book.

(C) ₹3

books is ₹121. The cost of nine pens, fifteen pencils and six books is ₹204. Find the cost of each book.

(A) ₹7

(B) ₹11

(C) ₹5

(D) Cannot be determined

The cost of three pencils, five rulers and seven erasers is ₹49. The cost of five pencils, eight rulers and eleven erasers is ₹78. Find the cost of one pencil, one ruler and one eraser. (A) ₹8 (B) ₹9 (C) ₹7 (D) Cannot be determined The cost of three apples, two mangoes and four oranges is ₹43. The cost of five apples, three mangoes and six oranges is ₹66. Find the cost of each apple. (B) ₹6 (A) ₹5 (C) ₹3 (D) Cannot be determined

The cost of three pens, five pencils and two books is ₹68. The cost of six pens, seven pencils and four books is ₹121. The cost of nine pens, fifteen pencils and six books is ₹204. Find the cost of each book.

(A) ₹7

(B) ₹11

(C) ₹5

(D) Cannot be determined

In the year 1980, the age, in years, of a person was one-eightyninth of his year of birth. What was the age (in years) of the person in 2012?
 (A) 48
 (B) 58
 (C) 74
 (D) 54

•	son. Two years hence	n was five times as old as his e, the man will be three times that is the present age of the
	(A) 50 years	(B) 35 years
	(C) 42 years	(D) 40 years
•	for each correct answ wrong answer and unanswered question On analysing his perfe	ons. A candidate gets 4 marks er and loses 2 marks for each loses 1 mark for each n. A student scored 405, ormance he concluded that he 35 questions. How many ver wrongly? (B) 25 (D) Cannot be determined

 In an examination 3/5th of the students who appeared failed by 10 marks and 1/5th of the students got 10 marks above the pass mark. Each of the remaining students got 20 marks above the pass mark. Students who took the exam scored 62 marks on an average. The pass mark is

(A) 64 (B) 66 (C) 62 (D) 56

- A man had enough money to purchase 16 apples or 10 mangoes. If the man buys four apples and five mangoes and is left with ₹20, then what is the difference in the prices of an apple and a mango?
 - (A) ₹2

(C) ₹4

- (D) ₹6
- Dheeraj has twice as many sisters as he has brothers. If Deepa, Dheeraj's sister has the same number of brothers as she has sisters, then Deepa has how many brothers?
 - (A) 2

(B) 3

(C) 4

- (D) 6
- Ninety is divided into three different parts such that the sum of the first two parts exceeds the sum of the second and the third parts by 18. If the smallest part is 18, then the greatest part is ______
 - (A) 45

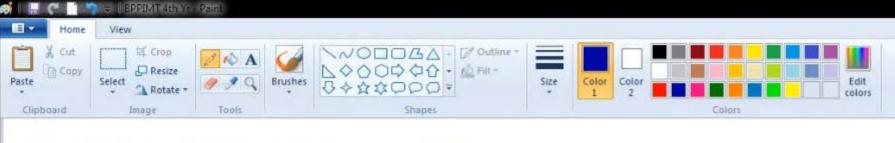
(B) 54

(C) 63

- (D) Cannot be determined
- Solve: 5(x + 5) + 6 (y − 3) = − 4
 9 (x − 1) +4 (y − 2) = 4
 - (A) x = 10, y = -9
- (B) x = 9, y = −10
 - (C) x = 5, y = -6
- (D) x = 6, y = -5

- A,B and C each had some amount of money. A doubled the amounts with the others. B then doubled the amounts with the others. C then doubled the amounts with the others. At this stage, each of them had ₹120. Find the initial amount with B.
- There are seven children standing in a line, not all of whom have the same number of cakes with them. If the first child distributes his cakes among the remaining six children such that he doubles their respective number of cakes, then he will be left with four cakes. Instead, if the second child takes away two cakes from each of the remaining six children, then he will be left with three less than the number of cakes that the first child initially had. What is the total number of cakes with the third child, the fourth child, ..., the seventh child?
 - (A) 11
- (C) 12

(B) 14 (D) 15 Anand had a certain number of chocolates with him.
He distributed these chocolates among his three
friends – A, B and C. To A, he gave half of the total
number of chocolates, with him and five more. To B,
he gave one-third of the remaining chocolates with
him and four more. To C, he gave one-fourth of the
remaining chocolates with him and three more.
Finally he is left with 15 chocolates. Find the initial
number of chocolates with Anand.



- The cost of three pencils, five rulers and seven erasers is ₹49. The cost of five pencils, eight rulers and eleven erasers is ₹78. Find the cost of one pencil, one ruler and one eraser.
 - (A) ₹8

(C) ₹7

- (D) Cannot be determined
- The cost of three apples, two mangoes and four oranges is ₹43. The cost of five apples, three mangoes and six oranges is ₹66. Find the cost of each apple.
 - (A) ₹5

(B) ₹6

(C) ₹3

- (D) Cannot be determined
- The cost of three pens, five pencils and two books is ₹68. The cost of six pens, seven pencils and four books is ₹121. The cost of nine pens, fifteen pencils and six books is ₹204. Find the cost of each book.
 - (A) ₹7

(B) ₹11

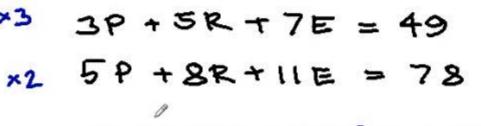
(C) ₹5

- (D) Cannot be determined
- In the year 1980, the age, in years, of a person was one-eightyninth of his year of birth. What was the age (in years) of the person in 2012?
 - (A) 48

(B) 58

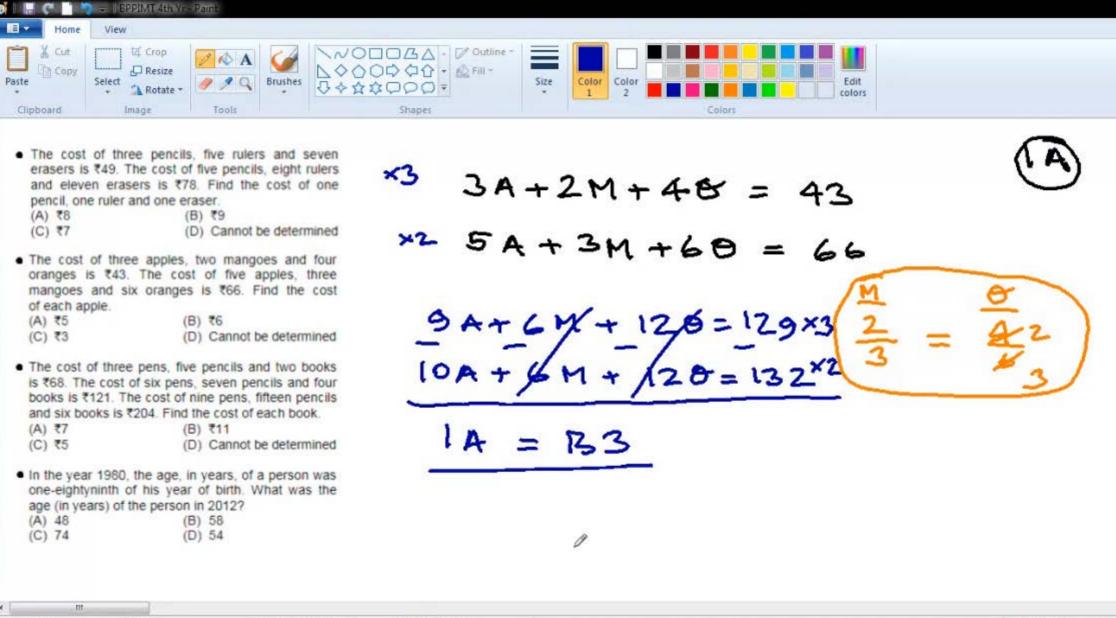
(C) 74

(D) 54



9P+15R+21E = 147 10P+16R+27E=156

// IP+IR+IE= B9



++ 665, 1620px

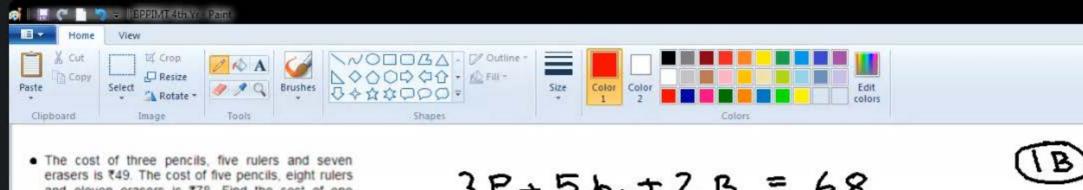
恒

¹□ 10800 × 4496p×

Size: 4.9MB

100% (-)

-0-



- and eleven erasers is ₹78. Find the cost of one pencil, one ruler and one eraser.
- (A) ₹8

(C) ₹7

- (D) Cannot be determined
- . The cost of three apples, two mangoes and four oranges is ₹43. The cost of five apples, three mangoes and six oranges is ₹66. Find the cost of each apple.
- (A) ₹5

(B) ₹6

(C) ₹3

- (D) Cannot be determined
- . The cost of three pens, five pencils and two books is ₹68. The cost of six pens, seven pencils and four books is ₹121. The cost of nine pens, fifteen pencils and six books is ₹204. Find the cost of each book.
 - (A) ₹7

(B) ₹11

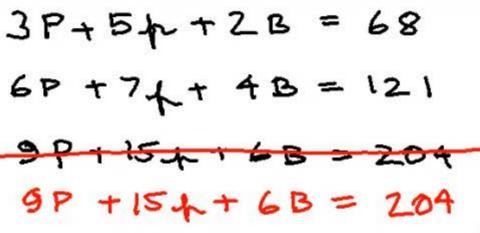
(C) ₹5

- (D) Cannot be determined
- . In the year 1980, the age, in years, of a person was one-eightyninth of his year of birth. What was the age (in years) of the person in 2012?
- (A) 48

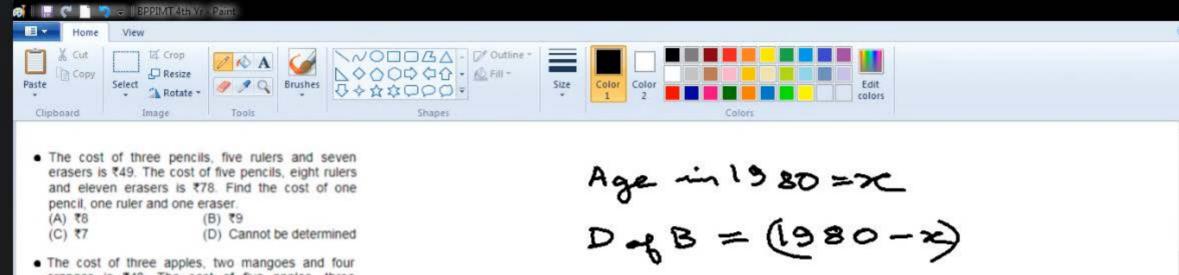
(B) 58

(C) 74

(D) 54







- The cost of three apples, two mangoes and four oranges is ₹43. The cost of five apples, three mangoes and six oranges is ₹66. Find the cost of each apple.
 - (A) ₹5

(C) ₹3

- (D) Cannot be determined
- The cost of three pens, five pencils and two books is ₹68. The cost of six pens, seven pencils and four books is ₹121. The cost of nine pens, fifteen pencils and six books is ₹204. Find the cost of each book.
 - (A) ₹7

(B) ₹11

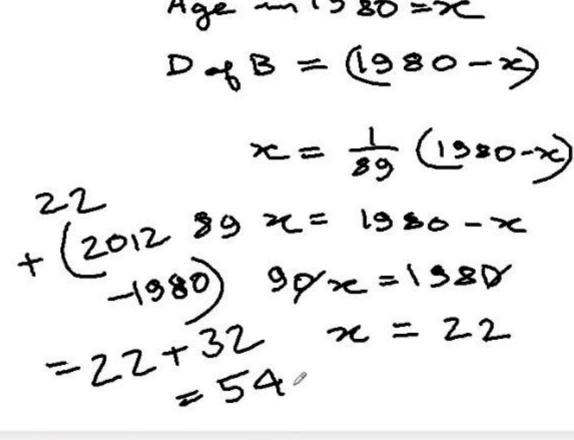
(C) ₹5

- (D) Cannot be determined
- In the year 1980, the age, in years, of a person was one-eightyninth of his year of birth. What was the age (in years) of the person in 2012?
 - (A) 48

(B) 58

(C) 74

(D) 54



+ 807, 1629px

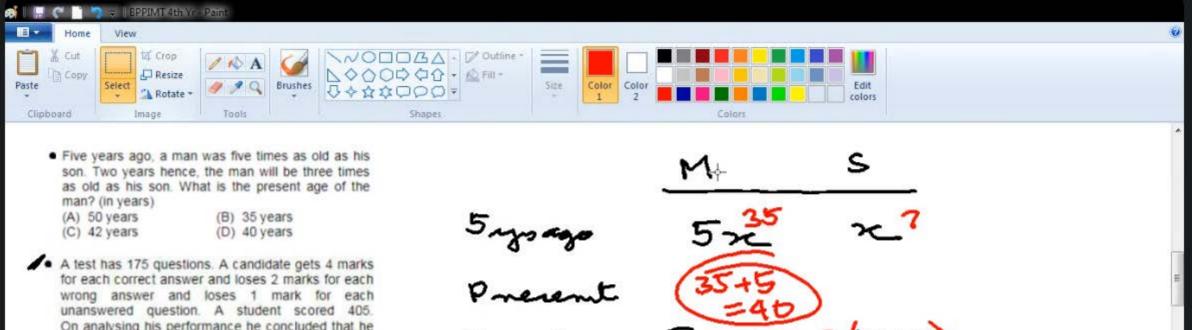
10

1☐ 10800 × 4496px

Size: 4.9MB

100% (-)

— 0



On analysing his performance he concluded that he had not attempted 35 questions. How many questions did he answer wrongly?

(A) 30

(C) 20

(D) Cannot be determined

 In an examination 3/5th of the students who appeared failed by 10 marks and 1/5th of the students got 10 marks above the pass mark. Each of the remaining students got 20 marks above the pass mark. Students who took the exam scored 62 marks on an average. The pass mark is

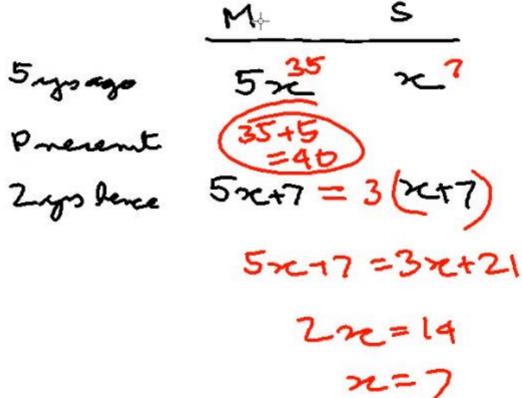
(A) 64

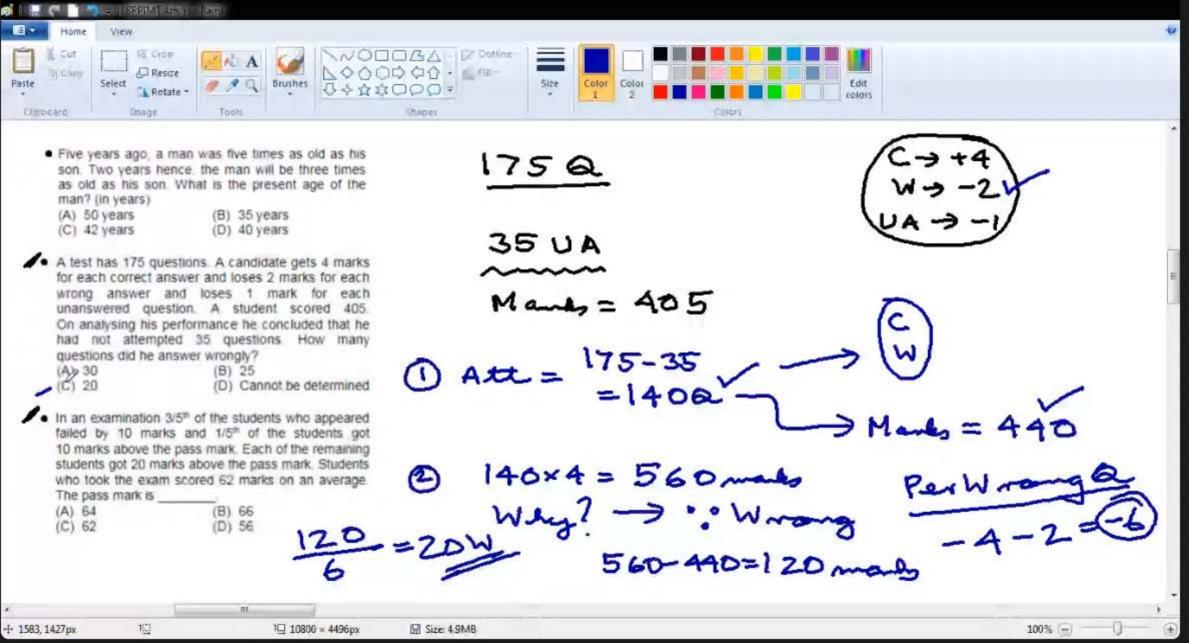
(C) 62

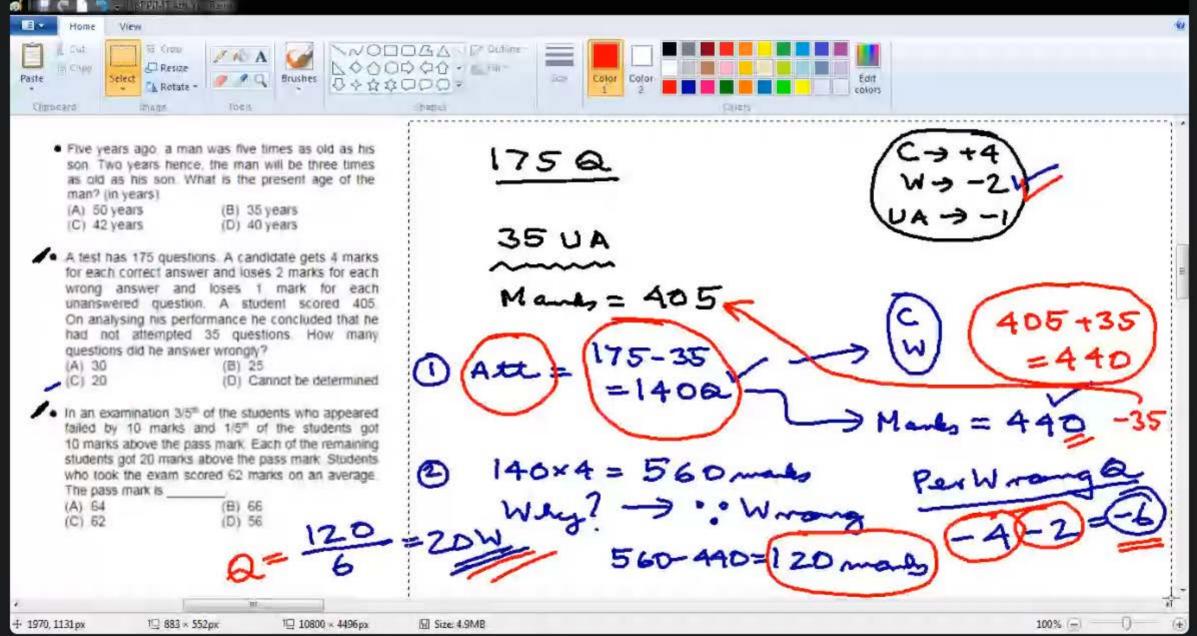
ti:

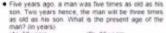
(D) 56

.III.









(A) 50 years

(B) 35 years

(C) 42 years (Dt. 40 years A test has 175 questions. A candidate gets 4 marks.

for each correct answer and loses 2 marks for each sitting answer and loses 1 mark for each unanswered question A student scored 405 On analysing his performance he concluded that he had not attempted 35 questions. How many questions did he answer wrongty?

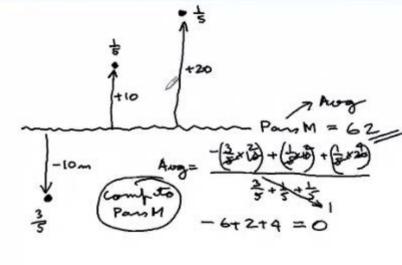
(D) Cannot be determined

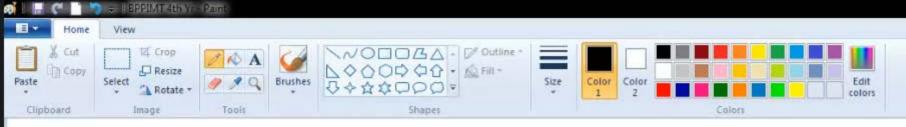
· In an examination 3:5" of the students who appeared failed by 10 marks and 1/5° of the students get 10 marks above the pass mark. Each of the remaining students got 20 marks above the pass mark. Students who took the exam scored 62 marks on an average.

The pass mark is (A) 64 (C) 62

(B) 66 (D) 56







- · A man had enough money to purchase 16 apples or 10 mangoes. If the man buys four apples and five mangoes and is left with ₹20, then what is the difference in the prices of an apple and a mango?
 - (A) ₹2

(C) ₹4

- (D) ₹6
- · Dheeraj has twice as many sisters as he has brothers. If Deepa, Dheeraj's sister has the same number of brothers as she has sisters, then Deepa has how many brothers?
- (A) 2

(B) 3

(C) 4

- (D) 6
- . Ninety is divided into three different parts such that the sum of the first two parts exceeds the sum of the second and the third parts by 18. If the smallest part is 18, then the greatest part is
 - (A) 45

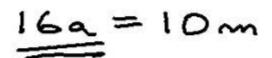
(B) 54

(C) 63

- (D) Cannot be determined
- Solve: 5(x+5)+6(y-3)=-49(x-1)+4(y-2)=4
- (A) x = 10, y = -9
- (C) x = 5, y = -6

111

(B) x = 9, v = -10 (D) x = 6, y = -5



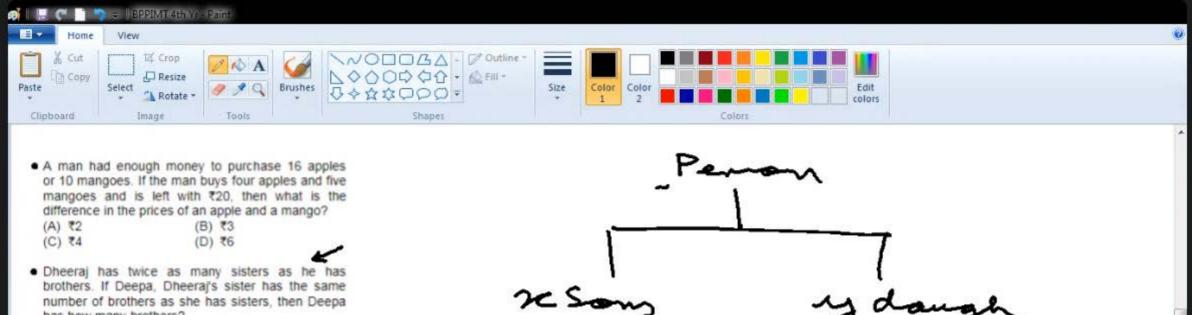
+ 1131, 1973 ox

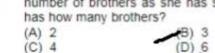
10

1□ 10800 × 4496px

Size: 4.9MB

100% (=) -





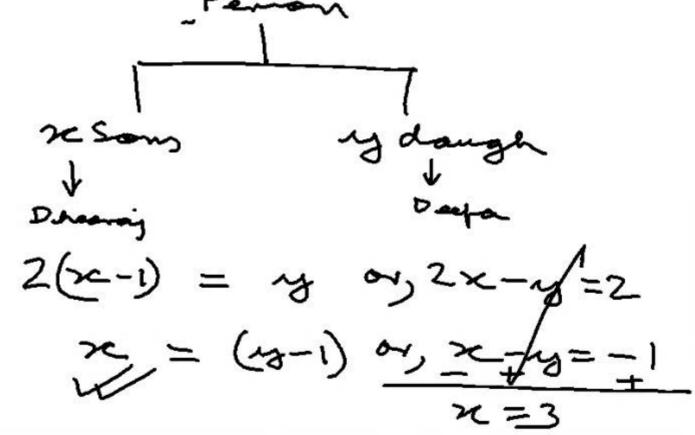
- . Ninety is divided into three different parts such that the sum of the first two parts exceeds the sum of the second and the third parts by 18. If the smallest part
- is 18, then the greatest part is (A) 45

(C) 63

- (D) Cannot be determined
- Solve: 5(x+5)+6(y-3)=-49(x-1)+4(y-2)=4

恒

- (A) x = 10, y = -9
- (B) x = 9, y = -10
- (C) x = 5, y = -6
- (D) x = 6, y = -5

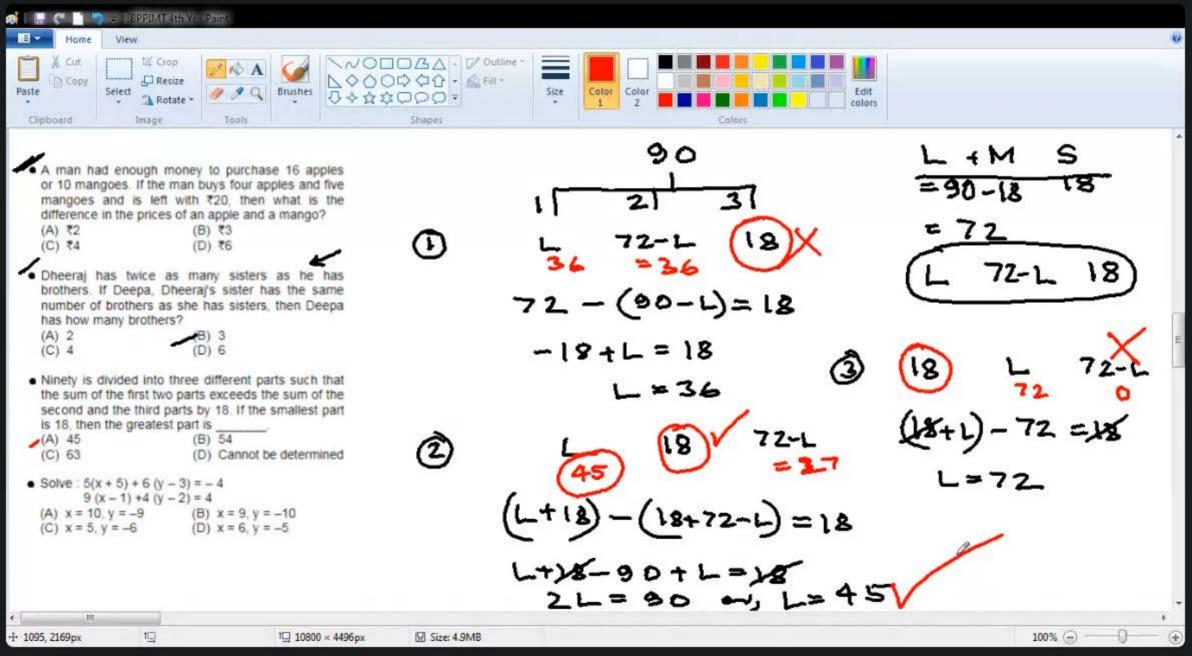


+ 228, 1954px

1☐ 10800 × 4496px

Size: 4.9MB

100% (-)

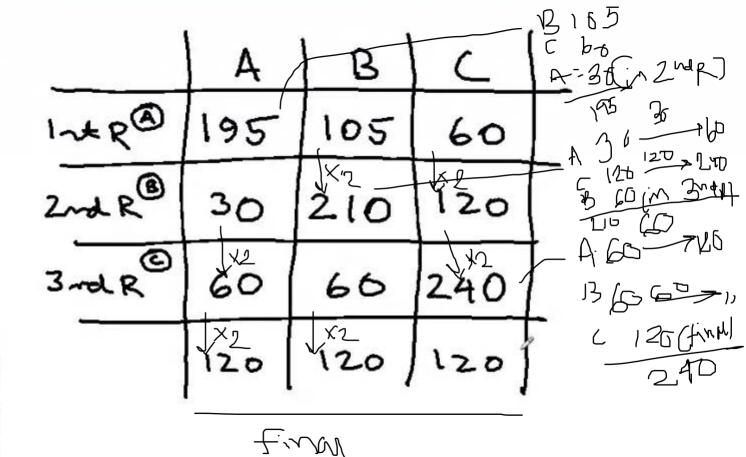


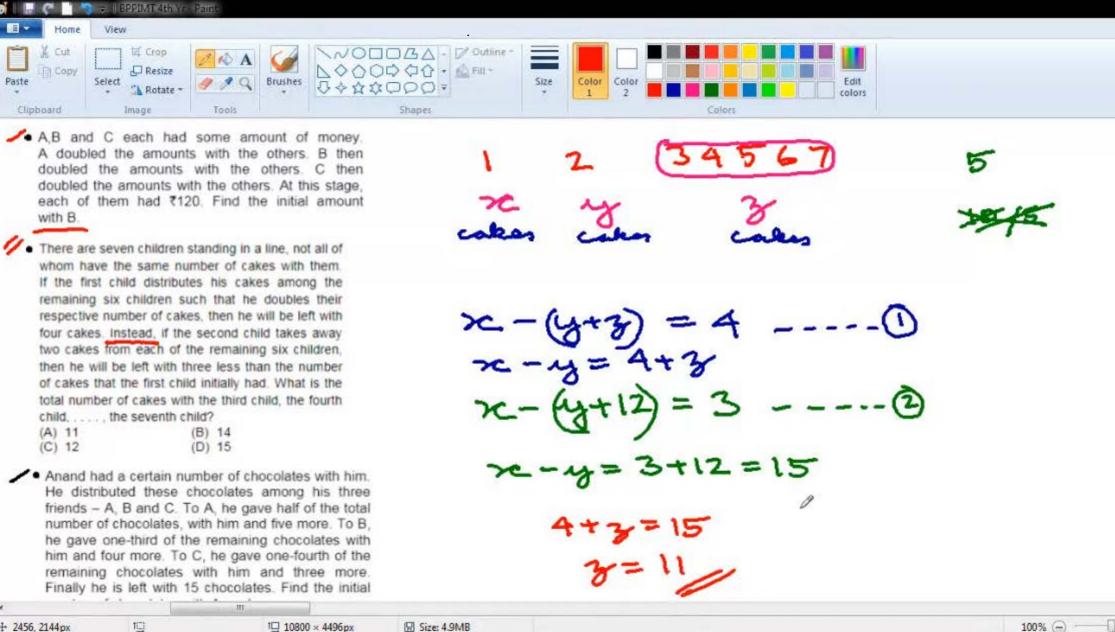
AB and C each had some amount of money. A doubled the amounts with the others. B then doubled the amounts with the others. C then doubled the amounts with the others. At this stage, each of them had ₹120. Find the initial amount

· There are seven children standing in a line, not all of whom have the same number of cakes with them. If the first child distributes his cakes among the remaining six children such that he doubles their respective number of cakes, then he will be left with four cakes. Instead, if the second child takes away two cakes from each of the remaining six children. then he will be left with three less than the number of cakes that the first child initially had. What is the total number of cakes with the third child, the fourth child. . . . the seventh child? (A) 11

with B

(C) 12 Anand had a certain number of chocolates with him. He distributed these chocolates among his three friends - A, B and C. To A, he gave half of the total number of chocolates, with him and five more. To B, he gave one-third of the remaining chocolates with him and four more. To C, he gave one-fourth of the remaining chocolates with him and three more. Finally he is left with 15 chocolates. Find the initial





+ 2456, 2144px

- All and C with leaf come arrows at money. A double the arrows with the others G their arrows by appears with the attack. It has desired the arrows with the others All the stage, each of their had \$120. Entit the state several wints.
- There are conveniented to the property of a line, not all of smooth flavor the state enveloper of cased with them. If the high (line) installation has a large analogs the statement of the high (line) installation of cases, men the public with installation of cases, men the public with a latter data, assessed of the second cases. Once the latter data was consumed and cases do not also second cases. Once the latter data was consumed and changes there are with the latter data was stage than supreme of cases that the latter case of cases. Once the latter case with the latter case of cases.

(A) 11 (B) 4 (C) 42 (B) 4

• Assend being contains number of encounters with him. He distributed times of bocowies serious him to be a few of the first being a few of the first serious of a forestation, with her serious To be the opine and both of the nominary contained as well him delet fore more To C. he gave seed potentially as measuring empression, with him and these more Fingly to be left with the degree size. Find the within number of decognitive with him and the market purpose of decognitive with him to the restriction.

