CIHM Microfiche Series (Monographs) ICMH Collection de microfiches (monographies)



Cansdian Institute for Historical Microreproductions / Institut canadian de microreproductions historiques



Technical and Bibliographic Notes / Notes technique et bibliographiques

The Institute has attempted to obtain the best original copy available for filming. Features of this copy which may be bibliographically unique, which may alter any of the images in the reproduction, or which may significantly change the usual method of filming are checked below.

L'Institut a microfilmé le meilleur examplaire qu'il lui a été possible de se procurer. Les détails de cet exemplaire qui sont peut-être uniques du point de vue bibliographique, qui peuvent modifier une image reproduite, ou qui peuvent exiger une modifications dans la méthode normale de filmage sont indiqués ci-dessous.

Coloured covers /	
Couverture de couleur	Coloured pages / Pages de couleur
Covers damaged /	Pages damaged / Pages endommagees
Couverture endommagée	Pages restored end/or laminated /
Covers restored end/or laminated /	Pages restaurées et/ou pelliculées
Couverture restaurée et/ou pelliculée	Pages discoloured stained or fored /
Cover title missing / Le titre de couverture manque	Pages décolorées, tachetées ou piquées
	Peges detached / Pages détachées
Coloured maps / Cartes géographiques en couleur	
Coloured ink (i.e. other than blue or black) /	Showthrough / Transparence
Encre de couleur (i.e. autre que bleue ou noire)	Quality of print varies /
Coloured plates and/or illustrations /	Qualité inégale de l'impression
Planches et/ou illustrations en couleur	Includes supplementary material /
Round with other meta-inly	Comprend du matériel supplémentaire
Relié evec d'autres documents	
	Pages wholly or pertielly obscured by errata
Only edition aveilable /	ensure the best possible image / Les pages
	totalement ou partiellement obscurcies par un
Tight binding may cause shedows or distortion	à nouveau de facon à obtenir la meilleure
causer de l'ombre ou de la distursion le long de	image possible.
la marge Intérieure.	
	discolourations are filmed twice to ensure the
within the text. Whenever possible, these bave	best possible image / Les pages s'opposant
been omitted from filming / II se peut que certaines	ayant des colorations variebles ou des décol- orations sont filmées deux fois afin d'absorir la
pages blanches ejoutées lors d'une restauration	meilleur image possible.
possible, ces pages n'ont pas été filmées.	
Additional comments /	
Commentaires supplémentaires:	

This item is filmed at tha reduction ratio checked below/ Ce document est filmé au taux de réduction indiqué ci-dessous.



The copy filmed here has been reproduced thanks to the generosity of:

National Library of Canada

The images appearing here are the best quality possible considering the condition end legibility of the original copy and in keeping with the filming contract specifications.

Original copias in printed paper covers ere filmed beginning with the front cover end ending on the lest pege with a printed or illustrated impression, or the beck cover when eppropriete. All other original copies are filmed beginning on the first pege with e printed or illustreted impression, end ending on the last pape with e printed or illustreted impression.

The lest recorded freme on each microfiche shell contein the symbol - (meening "CON-"TINUED"), or the symbol V Imeening "END"). whichever epplies.

Meps, pletes, cherts, etc., mey be filmed et different reduction retios. Those too lerge to be entirely included in one exposure ere filmed beginning in the upper left hend corner, left to right end top to bottom, as meny fremes es required. The following diegrems illustrate the method:

L'exempleire filmé fut reproduit grâce à le générosité de:

Bibliothèque nationale du Canada

Les images suiventes ont été reproduites avec le plus grand soin, compte tenu de le condition et de le netteté de l'exempleire filmé, et en conformité evec les conditions du contrst de flimeae.

Les exempleires originaux dont le couverture en papier est imprimée sont filmée eu commançent par le premier plet et en terminent soit par la dernière pege qui comporte una emprsinte d'Impression ou d'illustration, soit per le second plet, selon le ces. Tous les eutres exemplaires originaux sont filmés en commançant par la première pege qui comporte une amprainte d'impression ou d'illustration et en terminant par le dernière pege qui comporte une telle empreinte.

Un des symboles suivents sppereitrs sur la dernière image de cheque microfiche, selon le ces: le symbole --- signifie "A SUIVRE", le symbole V signifie "FIN".

Les certes, pienches, tebleeux, etc., peuvent être filmés à des taux de réduction différents. Lorsque le document est trop grand pour être reproduit en un seul cliché, il est filmé à partir de l'engle supérieur geuche, de geuche à droite. et de heut en bes, en prenent le nombre d'images nécessaire. Les diegrammes suivents illustrent le méthode.



5

MICROCOPY RESOLUTION TEST CHART

ŧ

r

(ANSI and ISO TEST CHART No. 2)





.

×

đ

APPLIED IMAGE Inc

1653 Eost Main Street Rochester, New York 14609 USA (716) 482 - 0300 - Phone (716) 288 - 5989 - Fox

Primary Exercises

MENTAL Arithmetic

FOR

FHIRD YEAR

QA 106 P73

> RENOUF PUBLISHING CO. 61 Union Avenue MONTREAL

DEFOSITED NO 190

1773 P73

ENTERED according to Act of Par'iament of Canada, in the year Nineteen hundred and seven, by H. J. SILVER, in the office of the Minister of Agriculture.

MENTAL III.-1.

1.	How many pints in 4 quarts and a balf?
2.	Ans How many hours in half a day?
3.	Ans How many inches in 2 feet?
	Ans
4.	From 6 + 9 + 8 take 9.
	Ans
5.	From five times 5 take three times 3.
б.	Ans
7.	Ans
	Ans.
8. 2 9. 2	From 24 take 16. Ans From three times 6 take twice 7.
L O.]	Ans How many are three 9's and two 4's?
	Ans

7

di

È.

1

MENTAL III.--2.

1.	How many pints in 10 quarts and a half?
2.	Ans How many minutes in half an hour?
	Ans
3. 4.	From $9 + 8 + 7$ take 6 Ans. From five times 7 take twice 4.
	Ans
5.	45 nuts; nine are bad; how many left?
	Ans
6.	How many inches in half a foot?
	Ans
7.	63 bricks are put 7 in a pile. How many piles?
	Ans
8.	How many are a half of 24 marbles?
	Ans
9.	How many slates at 8 cents each can you buy for 56 cents?
	Ans
0.	How many 2-cent stamps can I buy for 50 cents?
	'Ans

MENTAL III.-3.

-212

1.	How many quarts in 7 gallon 1d a half?
2.	Ans How many minutes in 2 hours?
3.	Ans How many inches in 3 feet?
4.	Ans To four times 8 add twice 5
5.	Ans From seven times 8 take 11.
6.	Ans How many does 13 need to make 25?
7.	Ans
	Ans
8.	How many minutes in one hour and 40 mins.?
9.	Ans. How many legs have 3 dogs and 4 boys?
L O.	Ans 45 marbles; won 11 and lost 9. How many now?
	Ans.

MENTAL III4.
1. How many pints in 8 gallon?
Ans
2. How many minutes in $\frac{1}{4}$ of an hour?
Ans 3. How many inches in one yard?
Ans
4 30 + 14 less 9. Ans
5. How many quarters in 2 apples?
Ans
6. How many does 17 need to make 26?
Ans 7. 9 doves, 8 robins, 5 crows, 9 blackbirds. How many birds?
Ans
8. I have 40 plums and sell 12. How many left?
Ans
9. 31 days in July; 22 were dry. How many were wet?
Ans
10. A basket holds 40 eggs, and I wish to fill it. I have 28 eggs How many more do I need?
Ans

MENTAL III.-5.

1 2 2

1

1.	How many pints in $2\frac{1}{2}$ gallons?
$2 \cdot$	Ans How many minutes in three hours?
3.	Ans How many feet in four yards?
4.	Ans How many quarters in 2 dollars?
5.	Ans How many does 18 need to make 30?
6.	Ans How many 3-cent candles can I buy for 27 cents.
	Ans
7	
۴.	Cost of 8 quarts of berries at 9 cents a quart-
8.	Cost of 8 quarts of berries at 9 cents a quart- Ans
8. 9.	Cost of 8 quarts of berries at 9 cents a quart Ans What number will you add to 14 to make 30? Ans There are 75 pages in one book and 30 in another. How many more pages in one than the other?
8. 9.	Cost of 8 quarts of berries at 9 cents a quart- Ans

Å,

MENTAL III.-6.

1. How many cups of water, each holding half a pint, will make 2 quarts?
Ans 2. How many months in half a year?
Ans 3. How many feet in 9 yards?
Ans 4. How many quarters in 6 dollars?
Ans 5. How many does 31 need to make 50?
Ans 6. How many faces have six cubes?
Ans 7. How many sixes in $7 + 5 + 8 + 9 + 7$?
Ans 8. When milk is 8 cents a quart, how much for one pint?
Ans 9. There are 36 children in a class, and ½ of them are absent. How many are absent?
Ans 10. How many are present? Ans

MENTAL III.-7.

ŀ	How many cups of water, each holding half a pint, will make 2 gallons?
2.	Ans How many months in $\frac{1}{4}$ of a year?
3.	Ans How many inches in a foot and a half?
4.	Ans What will you add to 27 to make 40?
5.	Ans How many faces have 8 cubes?
6.	Ans How many sevens in $6 + 5 + 9 + 8 + 7$?
7.	Ans
8.	Ans One example is worked in 3 min. How many could be worked in half an hour?
9.	Ans. A book has 22 pages. How many pages in 3 such books?
.0.	Ans. There are 18 panes of glass in one window, 12 in another, 11 in another How many panes altogether?
	Ans

fa

.

r

. 1

MENTAL III.-8.

1	One page is read in 4 min. How many pages could be read in one hour?
2	Ans
44,	How many months in 2 years?
3.	Ans. How many eights in $9 + 5 + 8 + 9 + 7 + 5$ + 7 + 6?
4.	Ans When milk is 6 cents a quart, how much for 3 pints?
	\mathbf{Ans}
5. 6.	What is ½ of 36? Ans. How many minutes do you attend school in the forenoon, 9 to 12 o'clock?
7.	Ans. A man is 50 years old. How old was he 25 years ago?
8.	Ans How old will he be in 28 years?
9.	Ans. A man's wages are \$15 a week; he spends \$7 a week. How long will it take him to save \$72 ?
10.	Ans My hens lay 4 eggs a day; in how many days will they lay 3 dozen eggs? Ans

ges	MENTAL III9
	1. How many quarts in 3 gallons?
•••	Ans 2. How many months in 3 years?
	Ans
	3. Tom has 15 marbles, and John has twice as many. How many marbles altogether?
for 	Ans 4. • A girl saves 10 cents a month; how much in a year?
he	Ans 5. How many feet have 11 sheep and 6 hens?
25	Ans 6. What must I add to 88 cents to make a dollar?
	Ans 7. Cost of 2 gallons of milk at 6 cents a quart?
7	Ans. 8. Bought 6 pencils at 8 ce ⁻ ts each; what change out of half a dollar?
e	Ans 9. A boy earns \$10 a month; how much in a year?
8	Ans 10 From nine times 6 take seven times 7.
¥	Ans.

MENTAL III.-10.

1

1.	72 apples are divided among 9 boys ; how many can each have ?
2.	Ans. John earns 2 dollars a week, his brother earns 6 dollars ; how much do they earn together in 6 weeks ?
3.	Ans Six times seven are how many more than five times eight ?
4.	Ans
5.	Ans Seven times eight, less six times nine, are how many ?
6.	Ans Oranges are 2 for 5 cents. How much is that a dozen ?
7.	Ans How many hours from nine in the forenoon to one in the afternoon ?
8.	Ans John is twelve years old and James is 9 years older. How old is James ?
).	Ans How many corners have 5 squares ?
.0.	Ans. From a board a yard long, 10 inches are sawn off. How much remains ?
	Ans

æ

MENTAL III.-11

-

đ

	1	
any	1.	How many minutes in an hour and a half?
 DS 6	2.	Ars How many months in a year and a half?
r in	3.	Ans Oranges are 3 for 5 cents; how much is that a dozen?
five	4.	Ans 63 trees are planted in 9 rows; how many trees in each row?
•••	5	
 ow	5.	John caught 7 trout, and Sam 5 more than John. How many did both catch?
nat	6.	Ans. A farmer sold 20 bushels of oats, 30 of barley, and 50 wheat. How many bushels in all did he sell?
to	7.	Ans. From a pile of woo containing 30 cords a teamster draws 13 cords. How many cords remain?
rs	8.	Ans How many seconds in five minutes?
••	9.	Ans How many quarts in a peck and a half?
'n	10.	Ans How many days in December and January together !
¥ •	-	Ans.
ļ		

MENTAL III.—12.

1	. How many minutes in an hour and a quarter?
2	Ans. There were forty pens in a box; 15 were taken out. How many were left?
3.	Ans If you buy oranges at 3 for 10 cents, what would you pay for a half dozen?
4 ·	Ans What will a yard and a foot of ribbon cost at 5 cents a foot?
5.	Ans How many hours from 3 p.m. to 8 p.m.?
6.	Ans How many days in July and August together?
7.	Ans How many peck measures can be filled with 50 quarts of berries?
8.	Ans How many quarts would be left over?
9.	Ans There are how many pecks in 4 bushels and 2 pecks?
0.	Ans Find one of the five equal parts of 20?
	Ans

MENTAL III.-13.

1

E E E		
r?	1.	How many minutes in two hours and a quarter?
xen	2.	Ans. How many yard-sticks can be cut from a stick 12 feet long?
 iat	3.	Ans From 15 take the sum of 6 and 5?
 at	4.	Ans How many times can 9 be taken from 60, and what will remain?
••	5.	A as Nine times Mary's age is 81; what is her age?
r?	6.	Ans If 72 apples cost 9 cents, how many is that for one cent?
i0	7.	Ans Cost of 2 bushels of wheat at 10 cents a peck ?
•	8.	Ans Find one of the eight equal parts of 40.
1	9.	Ans How many pecks of beans in 64 quarts?
•	10	Ans What will you pay for half a peck of onions at 80 cents a bushel?
1		Ans

MENTAL III.—14.

11

r

MENTAL III.-15.

٢-

1.	How many days in the three spring months?
	Ans
2∙	Cost of a bushel of cranberries at 40 cents a gallon.
-	Ans
3.	Six spoons are a set. How many sets in five dozen spoons?
	Ans
4.	How many pounds of sugar at 6 cents a pound can I buy for 60 cents?
	Ans
5.	How many mins from 11.15 a.m. to 12.30 p.m.?
	Ans
6.	Multiply two 3's by two 4's. Ans
7.	What must I take from 23 to get 14?
	Ans
8.	What must I add to five times 5 to get 40?
	Ans
9.	How many minutes in 120 seconds?
	Ans
10.	What will 27 feet of lace cost at 8 cents a yard?
	Ans

g

. 8

MENTAL III.-16.

l

)

	1. How many quarts in ‡ of a bushel?
	Ans 2. I put 23 quarts into a ten-gallon can- How many more quarts will it take to fill the can
	 3. What will 2 dozen peaches cost at 2 cents each? 4. 3 quart
	cents a peck?
	5. What must I pay for 20 eggs at 12 cents a doz.?
	6. If a family eat 6 oranges every day, how long will 4 dozen last them?
7	How many bouquets can I make from 6 dozen roses if I put 8 roses in each bouquet?
8	Ans. When apples sell at 1 cent apiece and oranges at 2 cents apiece, how much must I pay for a dozen of each?
9.	Ans From seven o'clock in the morning until nine o'clock in the evening is how many hours?
10.	Ans. 30 lemons and 18 lemons are how many dozen? Ans.

MENTAL III.-51.

Nellie has three cents, and Jessie has five times 1. as many. How many cents has Jessie?

- Ans..... 2. How many cents have Nellie and Jessie together?
- Ans..... What will twenty-five 2c stamps cost? 3.

W

n?

1?

. 0

?

2

- Ans..... If I walk nine miles a day, how far will I walk 4. from Monday morning to Saturday night? Ans..... Fifteen yoke of oxen are how many oxen? 5.
- Ans..... 6.
 - If my hen lay eight eggs a day, how many days will it take them to lay six dozen? Ans.....
- 7. If I buy two dozen eggs and use eighteen of them, how many eggs will I have left?
- Ans..... 8. How many pairs of shoes will 8 horses wear?
- Ans..... If six eggs cost ten cents, what will three dozen 9.
- Ans..... 10. What will two dozen and a half apples cost at the rate of a cent apiece?

Ans.....

MENTAL III.-52.

1.	From 19 take the sum of 8 and 5.
	Ans
2.	From 40 take the difference between 50 and 30.
	Ans
3.	To 40 add the difference between 11 and 20-
4.	Ans To 37 add 9, and from the sum take 7.
5.	Ans To 65 add the difference between 17 and 8.
6.	Ans. How many barrels of apples at \$3 can be bought for \$36?
7.	In how many hours can 5 men do a piece of work that takes one man 60 hours?
8.	Ans How long will a quantity of oats last 12 horses if it will last one horse 84 days?
9.	Ans Cost of 1 peck 4 quarts of acorns at 10 cents a quart?
	Ans
10.	Cost of 2 feet of wire at 2 cents an inch ?
	Ans

ų,

ð.

3 a

ţ

MENTAL III.-53.

121-

• •

80.

. .

)e

. of

. 8

. a

•

•

1	. From 21 take the sum of 3 and 4.
1	Ans
2.	From 45 take the difference between 30 and 15
3.	Ans To 25 add the difference between 20 and 35.
· 4.	Ans To 50 add 25, and from that sum take 15.
5.	Ans To the difference between 28 and 9 add 7.
6.	Ans How many barrels of flour at \$4 can be bought for \$48?
7	Ans
••	How many 5 cent pieces in \$2?
8.	Ans Cost of 2 pecks of tomatoes at 5 cents a quart?
9.	Ans A table is 120 inches long. How many feet long is it?
10	Ans
10,	books?
	• Ans
	1 2. 3. 4. 5. 6. 7. 8. 9. 10.

MENTAL III.-54.

1.	From 23 take the sum of 9 and 5.
2.	From 60 take the difference between 40 and 15
3.	Ans To 36 add the difference between 21 and 7.
4.	Ans To 40 add 60, and from the sum take 30.
5.	Ans To the difference between 39 and 26 add 9.
6.	Ans How many dozen eggs at 12 cents a dozen can be bought for 96 cents?
6.	Ans How many 5 cent pieces in 75 cents?
7.	Ans Cost of half a bushel of chestnuts at 5 cents a quart?
8.	Ans What will a foot and a half of chain cost at 2 cents an inch?
9.	Ans A box of soap weighed 21 pounds, and another $\frac{1}{3}$ as much. How much did the two together weigh?
0.	Ans What part of a yard is 18 inches?

MENTAL III.-55.

1. What will 24 feet of cable cost at 12 cents yard?	a
Ans2. Seven twelves are how many sixes?	•
Ans 3. Bought a dozen pencils at 8 cents each; what change out of a dollar?	• t
Ans 4. How many feet in 13 yards?	•
Ans 5. Cost of half a dozen eggs, if 2 dozen cost 60 cents?)
Ans. 6. A train runs 75 miles in 5 hours. How many miles is that per hour?	
Ans 7. At 18 cents a peck, what shall I pay for $\frac{1}{2}$ bushel of peas?	
8. How many yards and feet in 26 feet?	
Ans 9. Find the cost of 5 lb. of fish at 15 cents a pound.	
Ans 10. How many months in 8 years?	
Ans	

. .5·

n

.

. a

. 2

. C ł

MENTAL III.-56.

Half a dozen eggs cost 12 cents; what will 2 1. dozen cost? Ans..... A page is written in 5 minutes; how many 2. pages in an hour and a half? Ans..... Mary gives 15 cents for an arithmetic book, 6 3. cents for a copy-book, and 10 cents for an exercise book. How much for all? Ans..... How much change does she get out of half a 4. dollar? Ans..... 5. The stairs have 26 steps. How many steps do you take going up and down ? Ans..... 6. Seven times nine, less five times twelve, are how many? Ans..... 7. 16 inches are sawn off a yard-stick; how much remains? Ans..... 8. Cost of 3 dozen pencils at 2 cents each? Ans..... 9. I paid \$60 for a cow and \$140 for a horse. What did both cost? Ans..... There are 20 quires in a ream of paper; how 10 many quires in 6 reams? 'Ans....

MENTAL III.-57.

1.	If you pay 20 cents for a dozen oranges and sell them at 3 cents each, how much do you gain?
2.	Ans A farmer sold 13 bushels of oats, 12 of barley.
	and 11 of wheat. How many bushels in all did he sell?
3.	Ans
	Ans.
4.	If 5 apples cost 15 cents, what will a doz. cost?
5.	Ans. In 4 pails there are 26 quarts of milk; 7 quarts in the 1st, 6 in the 2nd, 5 in the 3rd. How
	many in the 4th? Ans
6.	A boy has 16 pigeons; he gets 5 more and 6 are lost How many left?
7.	From 45 yards of braid cut off 7 yards, 8 yards, 9 yards, 6 yards, 10 yards. How many left?
8.	How many pages in 12 books if each book has 60 pages?
9.	A boy caught 6 bass and five times as many perch. How many fish?
0.	If 1 lb. of sugar cost 9 cents, what will 12 lbs. cost?
	Ang

「日本の

•

MENTAL III.-58.

1.	4 eggs have been found in a robin's nest How many eggs in 25 such nests?
2.	Ans. One box contains 8 lbs. of tea; another contains 9 times as much. How many lbs. in both boxes?
3.	Ans How many are four 8's and three 4's?
4.	Ans How many barrels of pears at \$8 can be bought for \$96?
5.	Ans Mrs. White has 8 dozen eggs. How many does she require to have 100 eggs?
6.	Ans How many days in 12 weeks?
7.	Ans To 5 add 3, add 4, multiply by 6.
8.	Ans If 5 men can do a job in 10 days, how long will it take one man?
9.	Ans How many feet are there in 15 yards ?
LO.	Ans 3 baskets contain 19 eggs. There are 5 in one basket and 4 in another. How many in the third?
	Ans

MENTAL III.-59.

v

9 1

L. W. Dave

I

1	How many inches in 2 feet and a half?
2.	Ans How many are four 9's and two 7's?
3.	Ans Bought a dozen pencils at 7 cents each ; what change out of a dollar?
4.	Ans It takes 9 men 9 days to dig a trench. How long will it take 1 man?
5.	Ans What will half a dozen eggs cost if 3 dozen cost 60 cents?
6.	Ans From nine times 9 take seven times 7.
7.	Ans A board is 20 inches long. How many inches must be sawn off to leave exactly a foot?
8.	Ans A farmer sold 4 cows at \$25 each, and spent his money on sheep at \$5 each. How many sheep did he buy?
9.	Ans To the sum of 12 and 7 add the sum of 9 and 8
0.	Ans I have 40 pears; we eat 11, give away 12; 6 are bad. How many left?
	Ans

MENTAL III.-60.

1.	How many days in February and March to- gether this year?
2.	Ans How much more are 3 bushels than 9 pecks?
3.	Ans One quarter of an hour is how many minutes?
4.	Ans A ton of hay will last 7 cows 20 days. How long will it last one cow ?
5.	What must I pay for 25 eggs at 24 cents a doz. ?
6.	Ans How many pounds of sugar at 6 cents a pound will pay for 9 quarts of berries at 8 cents a quart?
7.	Ans What is the difference between $\frac{1}{2}$ of 12 and $\frac{1}{3}$ of 15?
8.	Ans. How many eggs at 5 for 6 cents can I buy for 30 cents?
9.	Ans. James cuts half a foot from a cord a yard long. How many inches of cord remain?
0.	Ans. Harry has 15 marbles and Jim has 12, but Harry gives Jim 4; how many has each then?
	Ans

MENTAL III-61.

. ?

З

1	. From 21 take the difference between 15 and 7.
2.	Ans. In how many hours can six men do a piece of work that takes one man 66 hours?
3.	Ans. Mary had 24 words to spell; ¹ / ₃ of them were spelt incorrectly. How many words were correct?
4.	Ans. A farmer has 12 sheep; seven of them have 2 lambs each. How many sheep and lambs together?
5.	Ans. A man's wages are \$15 a week. He spends \$7 a week How much will he save in 6 weeks?
6.	Ans How many minutes from 9 a.m. to 10.45 a.m.?
7.	Ans. A boy spends 7 cents an hour from 7 a.m. till 3 p.m. How much has he left out of 60 cents?
8.	Ans. If I pay 15 cents for 3 lbs of sugar, what must I pay for a dozen lbs.?
9.	Ans The quotient is 15, the d visor 5; find the dividend.
0.	What will 7 eggs cost at 24 cents a dozen?
	Ans.

MENTAL III.-62.

1	What will 2 quarts and a pint of milk cost at 6 cents a quart?
9	Ans
4.	There are 65 pages in one book and 40 in an- other How many more pages in the first than in the second?
	- Ans
3.	How many pages in both books?
	Ans.
4.	what will 6 bottles cost at half a dollar a bot.?
5	Ans
U.	wages for a fortnight?
0	Ans
υ.	what are his wages for a month?
-	Ans
4.	The quotient is 12, the divisor 5; find the dividend.
0	Ans
8.	A man bought a horse for \$75, and sold it at a gain of \$15. What did he sell it for ?
•	Ans
y.	How much change will I get from \$1.00, if I buy 5 yards of ribbon at 10 cents a yard and 2 dozen buttons at 15 cents a dozen? Ans.
10.	How long will a quantity of oats last 2 house
	if it will last one horse 93 days?
	Ans.

MENTAL III...63.

1	. In a hall there were 88 chairs, and 31 chairs were carried out. How many were left?
2.	Ans. 20 cents, 40 cents, and 30 cents. How many more cents to make a dollar?
3.	Ans If you spend 25 cents for cloth and 13 cents for thread, how much would you spend?
4.	Ans
5.	Ans Quarter of a dollar and 40 cents are how many cents?
6.	Ans How many quart cans will be required to hold a gallon and a half of oil ?
7.	Ans If 8 pears cost 24 cents, what will 30 cost?
8.	The sum of two numbers is 90. One of them is 45; what is the other?
9.	Ans How much must I add to 60 to give 3 boys 25 each?
10.	Ans. How many half-pound packages can be made from 3½ lbs. of flour? Ans.

t

lt

?

MENTAL III.-64

 Ans	1.	How many feet in 144 inches?
 Ans	2.	Ans. How many cups, each holding half a pint, will hold a half gallon of water?
 Ans	3.	Ans What will 11 eggs cost at 36 cents a dozen?
 5. When wheat is sold at the rate of 6 bushels for \$12, how many bushels must be given for 4 cords of wood at \$5 a cord? Aus. Aus. 6. A boy on his way to market with 17 lobsters lost 5; the rest he sold for \$1.20. How much was that apiece ? Ans. 7. If 9 mackerel cost 81 cents, what will a dozen cost? Ans. 8. A boy saw 12 flocks of pigeons with 20 pigeons in a flock. How many pigeons did he see? Ans. A merchant, having 10 melons, sold 6, and then bought five times as many as he sold. How many had he then? Ans. 	4.	Ans. The remainder is 5, the quotient 6, the divisor 7. Find the dividend.
 Ans. A boy on his way to market with 17 lobsters lost 5; the rest he sold for \$1.20. How much was that apiece ? Ans. If 9 mackerel cost 81 cents, what will a dozen cost? Ans. 8. A boy saw 12 flocks of pigeons with 20 pigeons in a flock. How many pigeons did he see? Ans. A merchant, having 10 melons, sold 6, and then bought five times as many as he sold. How many had he then? Ans. 	5.	Ans When wheat is sold at the rate of 6 bushels for \$12, how many bushels must be given for 4 cords of wood at \$5 a cord?
Ans. 7. If 9 mackerel cost 81 cents, what will a dozen cost? Ans. 8. A boy saw 12 flocks of pigeons with 20 pigeons in a flock. How many pigeons did he see? Ans. 9. A merchant, having 10 melons, sold 6, and then bought five times as many as he sold. How many had he then? Ans.	6.	Ans. A boy on his way to market with 17 lobsters lost 5; the rest he sold for \$1.20. How much was that apiece ?
 8. A boy saw 12 flocks of pigeons with 20 pigeons in a flock. How many pigeons did he see? Ans. A merchant, having 10 melons, sold 6, and then bought five times as many as he sold. How many had he then? Ans. 	7.	Ans If 9 mackerel cost 81 cents, what will a dozen cost?
Ans. A merchant, having 10 melons, sold 6, and then bought five times as many as he sold. How many had he then? Ans.	8.	A boy saw 12 flocks of pigeons with 20 pigeons in a flock. How many pigeons did he see?
).	Ans. A merchant, having 10 melons, sold 6, and then bought five times as many as he sold. How many had he then? Ans.

MENTAL III.-65.

Le .	JOUU	nad 26 marbles; he won 32 and then it	
	40.	How many had had sold	

Ans..... 2. A girl made 15 red pin-wheels, 16 blue ones and 17 blue and white. How many pinwheels did she make?

Ans..... In an orchard there are 100 peach trees and 57 3. plum trees; how many more peach trees than plum trees are there?

Ans..... 4. A lady bought 7 dozen buttons at 12 cents a dozen, and gave in payment one dollar. How much change should she receive?

Ans..... James bought 8 marbles at 5 cents each, 6 5 pencils for 10 cents each, and a book for 25 cents. He gave in payment 150 cents. How much change should he receive?

Ans..... 6. A man divided \$200 among 20 persons. How much did each receive?

Ans....

- 7. Eleven cows were sold for \$220. What was the selling price of each?
- Ans..... 8. 9 tables cost \$108. What will 12 tables cost? Ans.....

vill

. . .

7.

. . . for

r 4

ers

ch

. .

en

ns

?

• • n

W

. .

MENTAL III.-66

	MINI I MI 11100.
1.	A man earns \$100 per month, and pays \$15 for
	board and \$25 for other expenses. How
	much does he save each month?
2	Alls
4.	for 72 cents?
•	Ans
3.	If 12 lbs. of cheese cost \$1.08, what will 20 lbs. cost?
	Ans
4.	At 24 cents for 12 apples, what will 72 apples cost?
	Ans
5.	How many inches long is a stick of wood 3 feet 7 inches long?
	Ans
6.	If a family eat 8 oranges a day, how long will 6 dozen last them?
_	Ans
7.	Find the cost of a pound and a half of tea at 2 cents an ounce?
	Ans
8.	Find the cost of 5 yards of gold braid at 5 cents a foot?
	\mathbf{Ans}
9.	Find the cost of 2 yards of lace at 2 cents an
	inch. Ans.
0	A boy had a bushel of hickory nuts He sold
	8 quarts at 10 cents a quart. How many
	pecks had he left?

Ans..



