#### THE CLAPP-YOUNG SELF-MARKING TESTS

# THE CLAPP-YOUNG ARITHMETIC TEST-Forms A and B

#### Concrete Problems

For Grades 5-8

By Frank L. Clapp University of Wisconsin, and Robert V. Young, University of Pittsburgh

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#### DIRECTIONS

#### A. For Giving the Tests

- 1. Do not distribute the tests until you have followed these directions down to No. 6.
- 2. Put the following sample problem on the board, omitting the x in the square preceding "\$21."

  Sample problem. A woman bought three pairs of shoes. One pair cost \$5 and the other two pairs cost \$8 each. How

much did all three pairs cost?

| S24 | S15 | S21 | S13

- 3. Read the sample problem to the pupils and then solve it in the rectangle immediately underneath the problem and to the left of the squares. When you have the correct answer, explain to the pupils that you make a mark "x" in the square that comes before "\$21" to show that you think this is the correct answer. Place the mark in the square. Then explain to the pupils that four answers are given with each problem and that one of the four is correct, while the others are wrong. They are to solve each problem in the rectangle just below it, and when they find an answer that they think is the correct one, they are to make a mark "x" in the square that comes before it, just as you have done.
- 4. Make each of the following clear to the pupils:
  - a. Problems are to be solved in the rectangles below them.
  - b. The pupil is to solve his problem, and if he gets an answer that is the same as one given he is to mark in the square that comes before this answer. If he can not get an answer that is the same as one of those given, he is not to mark in any square. In any case he is to mark in only one square.
  - c. If a pupil finds that he has marked in a wrong square and wants to change his mark he should not try to erase it, but should simply draw a circle around it and mark in the square that he thinks is the right one. He should bear firmly on his pencil when he makes the mark.
  - d. Pupils should not hurry, but should work carefully and without wasting any time.
  - e. They should not puzzle too long over any one problem. If one proves to be too difficult they should omit it and go on.
  - f. The test folders are sealed and pupils are not to open them. When they finish the first page they are to turn the entire folder over without opening it.
- 5. See that each pupil is supplied with a well-sharpened pencil. It will be better for each pupil to have two pencils, since he may break the lead in one.
- 6. Distribute the test folders, asking the pupils to fill out the blanks on the first page, and then to wait for the signal to begin work.
- 7. When all the pupils are ready, say, "Begin."
- 8. At the end of thirty-five minutes, say, "Stop." Collect the papers at once.

#### B. For Getting the Pupils' Scores

- 1. The test folders are easily opened by running a pencil between the leaves. (Teachers may save time by having pupils do this before the papers are collected.)
- 2. A problem has been solved correctly if the pupil's mark falls within the corresponding square on page 1a or 2a; the answer is wrong if the mark falls above or below this square, as follows:

 $|\mathbf{x}| = \text{correct}$ 

 $\times = incorrect$ 

3. To find a pupil's score, count the marks that appear within squares on pages 1a and 2a. This number multiplied by 4 is the score.

### C. For Diagnosis

The right answers appear on pages 1a and 2a with a square following each one and with a statement indicating how the problem should be solved coming immediately after this square. The wrong answers appear here also, but without any squares. Following each wrong answer is a statement indicating how the answer was, in all probability, obtained. As the pupil marks in a square on page 1 or page 2 his mark is reproduced on one of the inside pages and appears either within a square, indicating that he has solved the problem correctly, or without any square and between the answer that he has marked and the statement indicating how such answer was obtained. In this way a teacher can easily discover the common errors that her pupils make without laboriously analyzing their work. Pupils may examine their own papers, see which problems they missed, see how they solved them, and see, also, how the problem should have been solved.

#### Standard Scores

The Grade Standards given below are to be interpreted as follows:—A pupil who is finishing the work of Grade V should make a score of 44; one who is finishing the work of Grade VI should make a score of 60, etc. The Age Standards indicate that a pupil who is 11 years old should make a score of 48, etc.

Grade S	tandards		Age Standards	
Grade	Score	Years	Months	Score
5B	32	11	0	44
5A	44	11	3	48
6B	52	11	6	52
6A _	60	11	9	56
7B	64	12	0	60
7A	72	12	4	64
8B	76	12	8	68
8A	80	13	0	72
		13	6	76
		14	0	80

## Validity, Reliability, and Standardization

The twenty-five problems represent the following phases of arithmetic: — Addition, Subtraction, Division, Mixed Fungamental Processes (3 types), United States Money, Fractions (4 types), Time Measure (2 types), Linear Measure (2 types), Liquid Measure, Square Measure, Decimals (5 types), Percentage (4 types).

The problems were selected from a list of seventy that were approved by a large number of elementary principals and superintendents as being problems that every elementary school pupil should be taught to solve. The seventy problems were given to about 3000 pupils, and the twenty-five selected were among those showing medium per cents of error and an increase in difficulty from lower to higher grades. The wrong answers selected were from the work of these pupils.

The Probable Error of the Test is 2.45 and the Coefficient of Rehability is .79. Those who are acquainted with this phase of educational statistics will realize that these figures indicate a dependable test.

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## THE CLAPP-YOUNG SELF-MARKING TESTS

Patented March 19, 1929. Also Licensed under U.S. Patent 1,586,628

Edited by Frank L. Clapp, Professor of Education, University of Wisconsin

## THE CLAPP-YOUNG ARITHMETIC TEST - Form A

		Concrete	Problems	
1	Score	By Frank L. Clapp, University of Wisconsin, Copyright, 1927, by Frank L. Clapp and Robert V. Young. Persons who, wit form whatever, whether typewritten, multigraphed, mimeographed, or printed, cations of it, may not be used except by special arrangement with the publishers of	are violating the author's copyright. The material contained he	erein, or modifi-
		1. On a boat there were 319 men, 257 women, and 42 children. How many people were there on the boat altogether?	6. James raised 43 rabbits. He sold 26. How rabbits he had left worth at 23 cents each?	much were the
		996		92
	Grade	628		\$3.91
	Gr	618		\$.92
		534		391
			7. George bought 96 papers and sold 3/4 of the papers did he sell?	em. How man
me		2. Mr. Jackson had 154 sheep. He sold 75 and later bought		24
Pupil's name	1	230. How many sheep had he then?		<b>128</b>
lidr.	es on	459		72
P	com	384		□ 32
	lay	305		
	Birthday comes	309	8. A boy had two \$5-bills, three \$2-bills, four dollars, and 2 quarters. How much money did	
				\$13
		3. A man had \$5000. He paid \$1425 for a car. How much		\$22.50
	day	money had he left?		\$12
st	irthe	\$3575		\$22
of te	st b	\$3475	O A service and a 20% become another and	
Date of test	Age last birthday	\$35.75	<ol> <li>A man works 2¾ hours repairing a car.</li> <li>cents per hour, how much does he receive for</li> </ol>	
A	A	\$4425		□ \$1.60
				\$2.20
				\$1.80
		4. Counting 32 lb. of oats to the bushel, how many bushels are there in 256 lb. of oats?		\$1.603/4
		288 bu.	10. George can hoe 734 rows of corn in one hot hoe 634 rows. How many rows can both hoe i	
		□ 8192 bu.		13 5/12
		□ 8 bu.		14 5/12
				13 17/1
				51 2/3
		5. A train that is due at our station at 8:10 was 30 min. late.		31 2/3
		What time was it when the train came?	11. If 3 tons of coal cost \$30, what will 10 tons	cost?
		7:80		\$300
		7:40		\$100
her	lo	8:40		\$900
Teacher	School	□ 780		\$90
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25 : 10 : 54

To find the score, count the squares that are marked out and multiply this number by 4.

92 43 + 26 + 23\$3.91  $\boxed{43-26, \times 23}$ \$.92 43e + 26e + 23e391 Omitted decimal point and \$ 24 Found number left 128  $96 \times 4/3$ 72 34 of 96, or 34 × 96 32  $96 \div 3$ \$13 Added all figures: 5, 2, 1, 3, 2 \$22.50 Counted 2 quarters as \$1 \$12 Added 5, 2, 3, and 2 \$22 \$10 + \$6 + \$4 + \$1.50 + \$.50\$1.60 Multiplied 80c by 2, but not by 34 \$2.20 80c × 23/4 \$1.80 80c × 21/4 80c × 2. "34" simply "tacked on" \$1.603/4 to answer 13 5/12 Did not carry the "1" from 17/12  $14\ 5/12 \ 7\frac{3}{4} + 6\ 2/3$ 13 17/12 Did not change 17/12 to 1 5/12 51 2/3 Multiplied instead of adding 11. \$300 Used \$30 as cost of 1 ton \$100 \ \$30 \div 3 \times 10 Used \$30 as cost of 1 ton and found cost \$900 Used \$30 as cost of 1 ton and found cost of 3 tons \$00

```
996
             Arranged numbers like this, 257
     628
             Mistake in adding second column
    618
             319 + 257 + 42
    534
             319 + 257 - 42
                       2.
     459
             154 + 75 + 230
    384
             154 + 230
    305
             230 + 75
    309
             154 - 75 + 230 or 154 + 230 - 75
                       3.
  $3575 \ 5000 - 1425
  $3475
             Mistake in third combination
 $35.75
             Inserted decimal point
  $4425
             Mistake in last combination
                       4.
 288 bu.
             256 bu. + 32 bu.
 224 bu.
             256 bu. - 32 bu.
8192 bu.
             256 bu. × 8
   8 bu.
             256 bu. ÷ 32
                       5.
             Subtracted instead of adding and borrowed 1 instead of 60
    7:80
    7:40
             Subtracted instead of adding
```

8:40

780

8:10 + 30

one number

Subtracted, using hours and minutes as

	The state of the s
19. 24.25 mi. Forgot having borrowed in third combination.	5/12 yd. 7 1/6 - 634
22.25 mi. Mistake in third combination	13 11/12 yd. Added instead of subtracting
23.25 mi. 50.00 – 26.75	3/12 vd Did not call the borrowed "1"
26.25 mi. Subtracted 50 from 26.76	twelfths
	1 11/12 yd. Forgot having borrowed from 7
20.	13.
.01 Mistake in locating decimal point	454,008
.001 .025 × .04	4548 Simply wrote figures given
.1 Mistake in locating decimal point	45,408 Does not know decimal character
1. Mistake in locating decimal point	454,000,008 of number system
21. 56. Did not use ".392" as decimal	
5.6 Mistake in locating decimal point	
.56 Mistake in locating decimal point	14.
.056 Three decimal places in quotient	39 gal. Added all the figures
1000 [] Three decimal places in quotient	14 gal. Thought 2 qt. made a gallon
	7 gal. 2 gal. + 1½ gal. + 2½ gal. + 1½  Added all the features getting 20 and
22.	93/4 gal. Added all the figures, getting 39, and divided by 4
\$13.50 Found amount to be saved	HANNE DE LA SERVICIONE
\$15.00 Mistake in locating decimal point \$14.85 Mistake in locating decimal point,	
and subtracted from \$15	5 hr. 15 min. 2 hr. 5 min. + 3 hr. 10 min.
\$1.50 \[ \] \$15 \times .10	5 hr. 15 min. 2 hr. 5 min. + 3 hr. 10 min.  Got 3 hr. 5 min. between 9:15 and 11:20, or 4 hr. 10 min. between 1:30
	and 4:40
23.	5 hr. 25 min. Got 2 hr. 15. min. between 9:15 and
70% Found the per cent left	5 hr. 5 min. Got only 3 hr. between 1:30 and 4:40
33 1/3% Divided 456 by 135 and located decimal point wrong	TO THE RESERVE OF THE PARTY OF
30% 135.00 ÷ 450	16.
3/10 Found fractional part 135 is of 450	26.6 A. Thought 120 sq. rd, made an acre
	$20 \text{ A.}  \boxed{40 \times 80 \div 160}$
24.	10 A. Thought 320 sq. rd. made an acre
40% Divided 48 by 12	5 A. Thought 640 sq. rd. made an acre
80% Found what per cent 48 is of 60 (48.00 ÷ 60)	17.
4% Divided 48 by 12 and called answer per cent	20,649 Regarded decimals as integers
25% Found what per cent 12 is of 48 (12.00 ÷ 48)	140.358 Regarded .62 as integer
	78.978 Decimal points in column
25.	77.978 Mistake in adding fourth column
\$100,000 Multiplied \$12,500 by 8	The state of the s
\$1000 Found 8 per cent of \$12,500, but	
did not subtract from \$12,500 \$1562.50 Divided \$12,500 by 8	18.
\$11,500 \ \$12,500 \times .08 = \$1000	3 yd. 1 ft 5 yd 1 yd. 2 ft.
\$12,500 - \$1000 = \$11,500	3 yd. 10 ft. Thought 12 ft. made a yd.
	4 yd. 1 ft. Forgot having borrowed 1 yd.

1 yd. 1 ft. Borrowed "3" from the 5 yd.

12. From a roll of ribbon containing 75. How many yards were left in the roll?	% yd., 6¾ yd. were sold.	19. After a boy had hiked 26.75 miles of a 5 how far did he still have to go?	0-mile journey
	5/12 yd.		7 24.25 mi.
	☐ 13 11/12 yd.		22.25 mi.
	☐ 3/12 yd.		23.25 mi.
	1 11/12 yd.		26.25 mi.
13. Write in figures: Four hundred fift	y-four thousand eight.	20. Multiply .025 by .04.	
	454,008		.01
	4548		.001
	45,408		□.1
	<b>454,000,008</b>		1.
14. A boy delivered the following bottl	es of milk: Monday, 8	21. Divide .392 by 7.	
one-quart bottles, 10 one-pint bottles;	Tuesday, 9 one-quart		□ 56.
bottles, 12 one-pint bottles. How many deliver in all?	y gallons of milk did he		
	☐ 39 gal.		5.6
			56
	14 gal.		.056
	☐ 7 gal.	22. Ralph wishes to buy a baseball outfit which	ch costs \$15. He
	93/4 gal.	has saved 10% of this amount. How much mon	ey has he saved
15. In the morning, John left home a	t 9:15 and returned at		\$13.50
11:20. In the afternoon, he left at 1:30 How long was he away from home alto			\$15.00
now long was he away from nome are			\$14.85
	5 hr. 15 min.		<b>\$1.50</b>
	6 hr. 15 min.	22 Mar Dayland 450 dayland 1 11105	
	5 hr. 25 min.	23. Mrs. Brady had 450 chickens and sold 135. of her chickens did she sell?	what per cen
	5 hr. 5 min.		70%
16. A field is 40 rd. wide and 80 rd. lo	ong. How many acres		33 1/3%
does it contain?			30%
	☐ 26.6 acres		
	20 acres		3/10
	10 acres	24. A baseball team has won 48 games and los	st 12. What per
	5 acres	cent of its games has it won?	1
	-		40%
17. Add 28.62, 32.9, and 17.458.			80%
	20,649		4%
	140.358		25%
	78.978	25. A man bought a house and lot for \$12,5	00 He sold the
	77.978	property at a loss of 8%. For how much did l	
18. The members of a class got 5 yd. o	of ribbon from a store.		<b>\$100,000</b>
They returned 1 yd. 2 ft. For how muc			\$1000
to pay?			\$1562.50
	3 yd. 1 ft.		\$11,500
	3 yd. 10 ft.		
	4 yd. 1 ft.		
	1 yd. 1 ft.		

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## THE CLAPP-YOUNG ARITHMETIC TEST-Form B

Concrete Problems — For Grades 5-8

By Frank L. Clapp, University of Wisconsin, and Robert V. Young, University of Pittsburgh

		form whatever, whether typewritten, multigraphed, mimeographed, or printed, cations of it, may not be used except by special arrangement with the publishers of	are molating the author's commist. The material contained	Laurin an madif
	Score	1. At a football game there were 269 women, 227 men, and 32 children. How many people were there at the game altogether?	6. Jane had 54 toys. She sold 38 of them. the remaining toys worth at 65 cents each?	How much a
				<b>157</b>
	de	816		\$10.40
	Grade	528		\$1.57
	***************************************	464		<b>1040</b>
		518	7. Betty had 72 beads. She lost 3/3 of the did she lose?	m. How man
9		2. John had 134 marbles. He lost 45 and later bought 120.		<u>24</u>
Pupil's name	-	How many marbles did he then have?		<b>108</b>
s'lic	se on	209		<b>48</b>
Pur	come	299		36
	Birthday comes		8. Bob deposited in the school bank three bills, six \$1-bills, 2 half-dollars, and 3 quart did he deposit altogether?	\$5-bills, two \$2 ers. How muc
				\$26.75
		3. A man had \$7000. He spent \$3325 for an aeroplane. How		\$16
	lay	much money had he left?		\$27.25
st	irthe	\$4675		\$13
Date of test	Age last birthday	\$36.75	0 4 more mortal and 10 0001	
ate	ge la	\$3375	9. A man rented a rowboat for 2¾ hours at 6 What was the total charge for the use of the	v cents per hou boat?
7	A	\$3675		\$1.35
				\$1.20
		A Counting 1/ annual to 1		\$1.65
		4. Counting 16 ounces to a pound of candy, how many pounds are there in 384 ounces of candy?		\$1.203/4
		368 lb.	10. A boy scout hiked 4½ miles on Monday a Tuesday. How far did he travel altogether?	nd 3¾ miles o
		1536 lb.	and the first the gentle.	
		☐ 1330 lb.		7 1/12
		Z± 1D.		7 13/12 8 1/12
1		5. Lindbergh was due at 7:10, but was delayed for 40 minutes.		161/4
		When did he land?	11. If 4 bicycles cost \$40, what will 10 bicycle	es cost?
		6:30		<b>\$400</b>
T		6:70		<b>\$100</b>
Teacher	School	7:50		<b>\$1600</b>
Te	Sci	670		\$160
	-		Land Control of the C	

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To find the score, count the squares that are marked out and multiply this number by 4.

6 54 + 38 + 65157 \$10.40  $54 - 38, \times 65$ 54c + 38c + 65c\$1.57 Omitted decimal point and \$ 1040 7 Found number left 24 108 72 × 3/2 2/3 of 72, or 2/3 × 72 48 36  $72 \div 2$ 8 \$26.75 \$15 + \$4 + \$6 + \$1 + \$.75Added three, two, six, 2 and 3 \$16 Counted 3 quarters as \$1.25 \$27.25 \$13 Added 5, 2, 1, 2, and 3 Multiplied 60 by 2, and then by 1/4 \$1.35 Multiplied 60 by 2, but not by 3/4 \$1.20  $60 \times 2\frac{3}{4}$ \$1.65 \$1.203/4 60 × 2; simply "tacked on" the 3/4 10. Did not carry the "1" from 13/12 7 1/12 7 13/12 Did not change 13/12 to 1 1/12  $8 \ 1/12 \ \boxed{4\frac{1}{3} + 3\frac{3}{4}}$ Multiplied instead of adding 161/4 11. \$400 Used \$40 as cost of 1 bicycle \$100  $$40 \div 4, \times 10$ Used \$40 as cost of 1 bicycle, and found cost of 40 bicycles \$1600 Used \$40 as cost of 1 bicycle, and found cost of 4 bicycles \$160

```
Arranged numbers like this 227
    816
    528
          269 + 227 + 32
            269 + 227 - 32
    464
             Mistake in adding second column
    518
    209
          134 - 45 + 120; or 134 + 120 - 45
    299
             134 + 45 + 120
    254
             134 + 120
             120 + 45
    165
  $4675
             Mistake in last combination
 $36.75
             Inserted decimal point
  $3375
             Subtracted 0's from subtrahend
            7000 - 3325
  $3675
 400 lb.
             384 + 16
 368 lb.
             384 - 16
1536 lb.
             384 × 4
  24 lb.
           384 ÷ 16
                      5
   6:30
             Subtracted instead of adding
             Subtracted instead of adding and borrowed 1 instead of 60
   6:70
```

7:50

670

7:10+40

utes as one number

Subtracted, using hours and min-

```
19.
               Subtracted 75 from 49.25
48.50 mi.
               Forgot having borrowed from the "5"
26.75 mi.
35.75 mi.
               Mistake in fourth combination
25.75 mi. 75.00 - 49.25
                         20.
     .003 \, \bigcap .075 \times .04
       .03
                 Mistake in locating decimal
        .3
                 point
        3.
                         21.
       46
               Did not use ".414" as a decimal
      4.6
                Mistake in locating decimal
      .46
     .046 Three decimal places in quotient
                        22.
   $10.80
               Found amount Tom lacked
               Got 12¢ and subtracted from $12.00
  $11.88
   $1.20 $12 × .10
  $12.00
               Mistake in locating decimal point
                         23.
    75%
               Found the per cent left
               Divided 660 by 165 and added a "0"
    40%
    25%
              165.00 \div 660
               Found what fractional part 165 is of 660
       1/4
                        24.
    30%
               Divided 45 by 15 and added a "0"
               Found what per cent 45 is of 60 (45.00 \div 60)
    75%
     3%
               Divided 45 by 15
               Found what per cent 15 is of 45 (15.00 \div 45)
  331/3%
                         25.
               Multiplied $14,500 by 5
 $72,500
              $14,500 \times .05 = $725;
$14,500 - 725 = $13,775
 $13,775
  $2,900
               Divided $14,500 by 5
               Found 5% of $14,500, but did not
    $725
```

	12.
1 7/12 qt.	Did not call the borrowed "1" twelfths
15½ qt.	Added instead of subtracting
2¾ qt.	Forgot having borrowed from the 8
1¾ qt.	$8\frac{1}{2} - 6\frac{3}{4}$
#29 00# C	13.
532,005	Simply what digita sing
5325	Simply wrote digits given Wrote first three digits and last digit with "'' inserted to make enough
53,205	places for thousands
532,000,005	Wrote 532,000 as one number, then added the last "order" with "5" in unit's place
7¾ gal.	14. Added in any one of several ways
93⁄4 gal.	Added all the figures, getting 39.
39 gal.	then divided by 4 Added all the figures
15½ gal.	Thought 2 qt. made a gallon
	15.
5 hr. 45 min.	Got 1 hr. too many in one of the periods —often by counting as follows, 9, 10, 12
4 hr. 45 min.	2 hr. 25 min. + 2 hr. 20 min.
4 hr. 55 min.	Got 2 hr. 35 min. for first period
4 hr. 25 min.	Neglected the minutes in the second period
	16.
5A 🔲	40 × 20, ÷ 160
6¾ A	Thought 120 sq. rd. made an acre
2½ A	Thought 320 sq. rd. made an acre
1¼ A	Thought 640 sq. rd. made an acre
170.058	17.
41124	Regarded the .92 as an integer
	Regarded decimals as integers
78.978 <b>77.978</b>	Decimal points in column
11.910	Mistake in adding fourth column
	18.
4 yd. 2 ft.	7 yd 2 yd. 1 ft.
5 yd. 2 ft.	Forgot having borrowed 1 yd.
2 yd. 2 ft.	Borrowed "3" from 7 yd.
4 yd. 11 ft.	Thought 12 ft. made a yd.

12. Some girls bought 8½ quarts of ice 6¾ quarts. How much was left?	cream. They used	19. In an automobile race of 75 miles a car 49.25 miles. How far had it yet to go?	r broke down a
	☐ 1 7/12 qt.		48.50 mi.
	☐ 15¼ qt.		26.75 mi.
	23/4 qt.		35.75 mi.
	☐ 1¾ qt.		25.75 mi
13. Write in figures: Five hundred thirty	two thousand five.	20. Multiply .075 by .04	
	<b>532,005</b>		.003
	<u> 5325</u>		.03
	53,205		.3
	<b>532,000,005</b>		3.
14. A boy sells 7 one-quart bottles and 9 orangeade at one show, and 16 one-quart	t bottles and 7 one-	21. Divide .414 by 9	]
pint bottles at another. How many gallo	ns did he sell in all?		46
	73/4 gal.		4.6
	93/4 gal.		.46
	39 gal.		.046
	☐ 15½ gal.	22. Tom wants to buy a pair of skates which has saved 10% of the amount. How much h	
15. School begins in the morning at 9:			1_
<ul><li>11:40. In the afternoon school begins at 1</li><li>3:25. How long do we stay in school?</li></ul>	:05 and dismisses at		\$10.80
	5 hr. 45 min.		\$1.20
	4 hr. 45 min.		\$12.00
	4 hr. 55 min.		
	4 hr. 25 min.	23. Of 660 students in a school, 165 enter What per cent entered the field meet?	ed a field meet
16. Our athletic field is 40 rods long and	20 rods wide. How		75%
many acres does it contain?			40%
	5 acres		25%
	63/3 acres		14
	2½ acres	24 The Pirates was 45 dames and lost 15 W	That non cont di
	1½ acres	24. The Pirates won 45 games and lost 15. We they win?	nat per cent un
17. Add 22.92, 38.658 and 17.4.			30%
	170.058		<b>75%</b>
	41124		3%
	78.978		331/3%
	77.978	25. A man bought a race track for \$14,500. loss of 5%. What was the selling price?	He sold it at a
18. The teacher bought 7 yd. of material is She returned 2 yd. and 1 ft. How much		1000 of 070. What was the sening prices	\$72.500
She returned 2 yd. and 1 it. How much	4 yd. 2 ft.		\$72,500
	5 yd. 2 ft.		\$2,900
	2 yd. 2 ft.		\$725
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