Summer Packet for Incoming 4th Graders

Hello, my friends!

Our summer packet is designed to provide a review of material that you were introduced to this year and an opportunity to experience a new reading journey.

The best way to approach your work is to pace yourself! Pick a time of day that works for you and focus on a few problems or chapters each day.

Remember: *Procrastination Leads to Frustration!*

Math:

Your Math assignment combines **IXL** activities with review exercises in your **Math packet**.

*__IXL__ is a FANTASTIC way to review !   Challenge yourself!

Work not only the Third Grade review sections but also dip your toes into the Fourth Grade sections as well!
Focus on your addition, subtraction, multiplication and division facts.

Please complete 2 sections per week for a total of 10 sections.

**As you know, I will be able to see how well you are doing on IXL!
I look forward to printing out your certificates and celebrating all of your IXL accomplishments with you in September!**

*Your **Math packet** should be completed to the best of your ability.
Please show all of your work! You may staple your work to the packet.

Reading:

*Please choose <u>one</u> of the following books to read and report on.

<u>Mr. Popper's Penguins</u>
Florence Atwater and Richard Atwater
<u>Wish</u>
Barbara O'Connor

* Fill out the attached summary form.

Please use complete sentences and write your answers neatly. Check punctuation, capitalization and grammar. Always ask," Does this sentence make sense?"

This outline of information will help you to complete a summary project that I will introduce you to during the first week of school.

The outline will count as one test grade for Reading.

DUE DATE:

Please submit all of your work on the first day of school.
If you have any questions, please feel free to e-mail me!
<u>pcoady@sfxacushnet.com</u>

Have a wonderful summer!

Mrs. Coady

Summer Reading Assignment Outline

Name: _____

Main Characters:

_____

_____

_____

Setting:

_____

_____

Describe the MAIN events in the story:

* _____

_____

_____

* _____

_____

_____

*

_____

_____

_____

*

_____

_____

_____

What is your favorite part of the story?

_____

_____

_____

Give *TWO* reasons why this is your favorite part.

*

_____

_____

_____

*

_____

_____

_____

_____

<u>Who is your favorite character? What characteristics do you admire in this character?</u>

*_____

_____

_____

_____

_____

_____

Step 1. Add ones and regroup.	Step 2. Add tens and regroup.	Step 3. Add hundreds.

$$\begin{array}{r} 529 \\ +286 \\ \hline \end{array}$$

$$\begin{array}{r} \overset{1}{5}29 \\ +286 \\ \hline 5 \end{array}$$

$$\begin{array}{r} \overset{11}{5}29 \\ +286 \\ \hline 15 \end{array}$$

$$\begin{array}{r} \overset{11}{5}29 \\ +286 \\ \hline 815 \end{array}$$

Add. Show your work.

1. $\begin{array}{r} \overset{11}{5}46 \\ +295 \\ \hline 841 \end{array}$

2. $\begin{array}{r} 483 \\ +359 \\ \hline \end{array}$

3. $\begin{array}{r} 642 \\ +169 \\ \hline \end{array}$

4. $\begin{array}{r} 708 \\ +194 \\ \hline \end{array}$

5. $\begin{array}{r} 352 \\ +288 \\ \hline \end{array}$

6. $\begin{array}{r} 429 \\ +388 \\ \hline \end{array}$

7. $\begin{array}{r} 252 \\ +694 \\ \hline \end{array}$

8. $\begin{array}{r} 329 \\ +329 \\ \hline \end{array}$

9. $\begin{array}{r} 618 \\ +296 \\ \hline \end{array}$

10. $\begin{array}{r} 283 \\ +158 \\ \hline \end{array}$

11. $\begin{array}{r} 746 \\ +174 \\ \hline \end{array}$

12. $\begin{array}{r} 529 \\ +206 \\ \hline \end{array}$

13. $\begin{array}{r} 492 \\ +389 \\ \hline \end{array}$

14. $\begin{array}{r} 215 \\ +498 \\ \hline \end{array}$

15. $\begin{array}{r} 466 \\ +374 \\ \hline \end{array}$

16. $\begin{array}{r} 583 \\ +275 \\ \hline \end{array}$

17. $\begin{array}{r} 356 \\ +329 \\ \hline \end{array}$

18. $\begin{array}{r} 482 \\ +250 \\ \hline \end{array}$

19. $\begin{array}{r} 329 \\ +400 \\ \hline \end{array}$

20. $\begin{array}{r} 629 \\ +328 \\ \hline \end{array}$

21. $\begin{array}{r} 429 \\ +359 \\ \hline \end{array}$

22. $\begin{array}{r} 625 \\ +142 \\ \hline \end{array}$

23. $\begin{array}{r} 592 \\ +304 \\ \hline \end{array}$

24. $\begin{array}{r} 536 \\ +265 \\ \hline \end{array}$

25. $\begin{array}{r} 574 \\ +390 \\ \hline \end{array}$

26. $\begin{array}{r} 721 \\ +148 \\ \hline \end{array}$

27. $\begin{array}{r} 439 \\ +306 \\ \hline \end{array}$

28. $\begin{array}{r} 208 \\ +208 \\ \hline \end{array}$

29. $\begin{array}{r} 541 \\ +359 \\ \hline \end{array}$

30. $\begin{array}{r} 346 \\ +286 \\ \hline \end{array}$

(4) Addition with regrouping   18

What gets wetter the more it dries?

First subtract. Then use the decoder to answer the riddle. Show your work

1.
$$\begin{array}{r} \overset{6\,11}{\cancel{718}} \\ -436 \\ \hline 282 \end{array}$$

A

2.
$$\begin{array}{r} 945 \\ -328 \\ \hline \end{array}$$

C

3.
$$\begin{array}{r} 694 \\ -526 \\ \hline \end{array}$$

D

4.
$$\begin{array}{r} 839 \\ -562 \\ \hline \end{array}$$

E

5.
$$\begin{array}{r} 590 \\ -211 \\ \hline \end{array}$$

H

6.
$$\begin{array}{r} 807 \\ -265 \\ \hline \end{array}$$

I

7.
$$\begin{array}{r} 964 \\ -437 \\ \hline \end{array}$$

L

8.
$$\begin{array}{r} 8267 \\ -7564 \\ \hline \end{array}$$

M

9.
$$\begin{array}{r} 5753 \\ -3660 \\ \hline \end{array}$$

N

10.
$$\begin{array}{r} 7867 \\ -6409 \\ \hline \end{array}$$

O

11.
$$\begin{array}{r} 7916 \\ -4193 \\ \hline \end{array}$$

R

12.
$$\begin{array}{r} 2866 \\ -2148 \\ \hline \end{array}$$

S

13.
$$\begin{array}{r} 5392 \\ -2560 \\ \hline \end{array}$$

T

14.
$$\begin{array}{r} 9374 \\ -4753 \\ \hline \end{array}$$

U

15.
$$\begin{array}{r} 8724 \\ -7341 \\ \hline \end{array}$$

W

DECODER

282	2832	1458	1383	277	527
A	___	___	___	___	___

Count by 1s

1, 2, ____ , ____ , ____ , ____ , ____ , ____ , ____ , ____ , 11 , ____

1 x 5 = ____   1 x 6 = ____   1 x 7 = ____   1 x 12 = ____

Count by 2s

2, 4, ____ , ____ , ____ , ____ , ____ , ____ , ____ , 22 , ____

2 x 1 = ____   2 x 2 = ____   2 x 3 = ____   2 x 4 = ____

2 x 10 = ____   2 x 12 = ____   2 x 7 = ____   2 x 8 = ____

Count by 3s

3, 6, ____ , ____ , ____ , ____ , ____ , ____ , ____ , 33 , ____

3 x 3 = ____   3 x 4 = ____   3 x 5 = ____   3 x 6 = ____

3 x 9 = ____   3 x 12 = ____   3 x 2 = ____   3 x 11 = ____

Count by 4s

4, 8, ____ , ____ , ____ , ____ , ____ , ____ , ____ , 44 , ____

4 x 4 = ____   4 x 5 = ____   4 x 6 = ____   4 x 7 = ____

4 x 12 = ____   4 x 9 = ____   4 x 8 = ____   4 x 3 = ____

Count by 5s

5, 10, ____ , ____ , ____ , ____ , ____ , ____ , ____ , 55 , ____

5 x 3 = ____   5 x 4 = ____   5 x 5 = ____   5 x 6 = ____

5 x 12 = ____   5 x 10 = ____   5 x 1 = ____   5 x 9 = ____

Name: _____

Skip Count Multiplication (6-10)

Count by 6s

6, 12, ____, ____, ____, ____, ____, ____, ____, 66, ____

6 x 1 = ___   6 x 2 = ___   6 x 3 = ___   6 x 4 = ___

6 x 6 = ___   6 x 12 = ___   6 x 9 = ___   6 x 5 = ___

Count by 7s

7, 14, ____, ____, ____, ____, ____, ____, ____, 77, ____

7 x 1 = ___   7 x 2 = ___   7 x 3 = ___   7 x 4 = ___

7 x 10 = ___   7 x 12 = ___   7 x 7 = ___   7 x 8 = ___

Count by 8s

8, 16, ____, ____, ____, ____, ____, ____, ____, 88, ____

8 x 3 = ___   8 x 4 = ___   8 x 5 = ___   8 x 6 = ___

8 x 9 = ___   8 x 11 = ___   8 x 2 = ___   8 x 12 = ___

Count by 9s

9, 18, ____, ____, ____, ____, ____, ____, ____, 99, ____

9 x 4 = ___   9 x 5 = ___   9 x 6 = ___   9 x 7 = ___

9 x 12 = ___   9 x 9 = ___   9 x 8 = ___   9 x 3 = ___

Count by 10s

10, 20, ____, ____, ____, ____, ____, ____, 100, ____, ____

10 x 3 = ___   10 x 4 = ___   10 x 5 = ___   10 x 6 = ___

10 x 12 = ___   10 x 10 = ___   10 x 1 = ___   10 x 9 = ___

Match.

⑦

1. (clock) •------ • 6:20 •   • quarter after nine
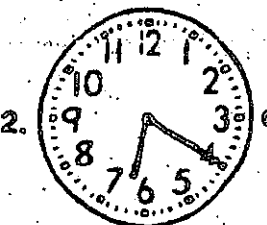
2. (clock) •   • 5:48 •   • six twenty
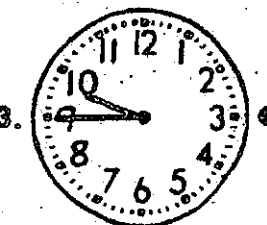
3. (clock) •   • 9:15 •   • twenty-eight minutes after nine
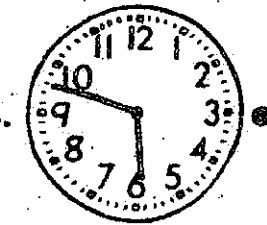
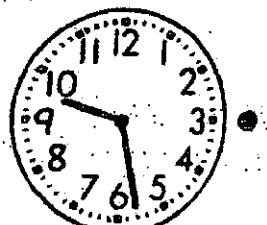4. (clock) •   • 9:45 •   • twelve minutes to six

5. (clock) •   • 9:28 •   • six thirty
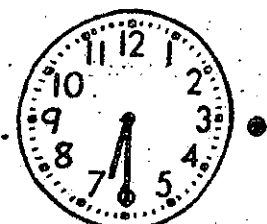
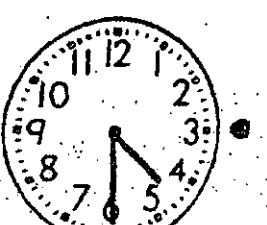6. (clock) •   • 4:30 •   • quarter to ten
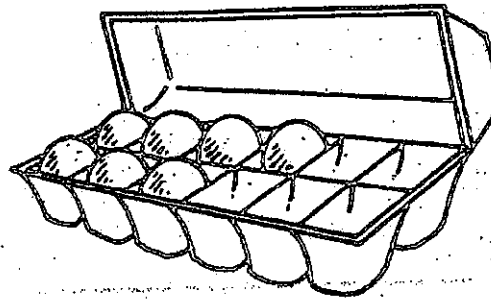
7. (clock) •   • 6:30 •   • half past four

1. What fraction of the eggs are left? $\frac{7}{12}$

2. What fraction of the eggs have been used?   _____

3. What fraction of the fence has been painted?   _____

4. What fraction of the fence has *not* been painted?   _____
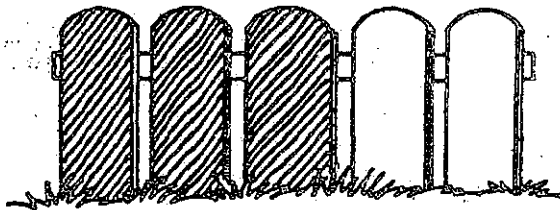
5. What fraction of the pie has been eaten?   _____

6. What fraction of the pie has *not* been eaten?   _____
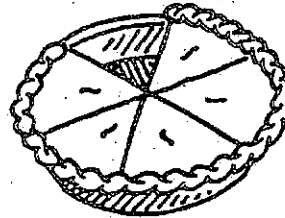
7. What fraction of the glasses have been broken?   _____

8. What fraction of the glasses have *not* been broken?   _____
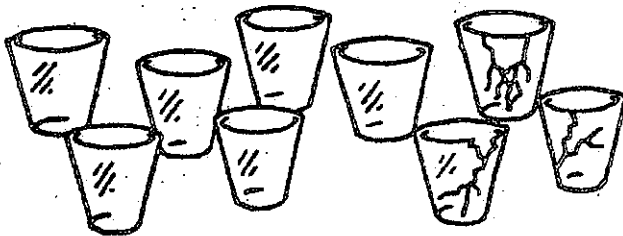
What fraction of the flowers have been picked?   _____

What fraction of the flowers have *not* been picked?   _____

11. What fraction of the balloons are striped?   _____

12. What fraction of the balloons are *not* striped?   _____

Multiplication Facts to 81 (A)

(4)

9 ×1	4 ×1	5 ×8	9 ×5	3 ×1	9 ×6	0 ×7	3 ×7	5 ×5	4 ×6
8 ×2	9 ×4	9 ×0	7 ×6	6 ×5	3 ×8	9 ×7	6 ×2	7 ×7	4 ×5
1 ×0	0 ×4	0 ×5	1 ×7	4 ×7	7 ×0	5 ×3	0 ×6	7 ×5	3 ×9
2 ×6	5 ×0	8 ×3	1 ×2	1 ×1	7 ×8	3 ×6	5 ×1	4 ×4	7 ×9
6 ×4	8 ×0	8 ×8	9 ×9	4 ×8	9 ×8	6 ×1	4 ×3	8 ×6	5 ×4
1 ×9	0 ×8	5 ×7	1 ×8	1 ×5	6 ×9	2 ×3	8 ×9	1 ×6	4 ×9
0 ×0	1 ×4	2 ×0	6 ×7	2 ×8	9 ×2	3 ×3	0 ×1	2 ×9	5 ×6
9 ×3	2 ×5	6 ×0	2 ×2	3 ×4	5 ×2	2 ×7	7 ×2	7 ×1	0 ×9
3 ×0	6 ×8	7 ×4	3 ×2	0 ×3	4 ×2	2 ×4	8 ×1	6 ×3	4 ×0
8 ×5	6 ×6	2 ×1	8 ×4	1 ×3	7 ×3	5 ×9	0 ×2	8 ×7	3 ×5
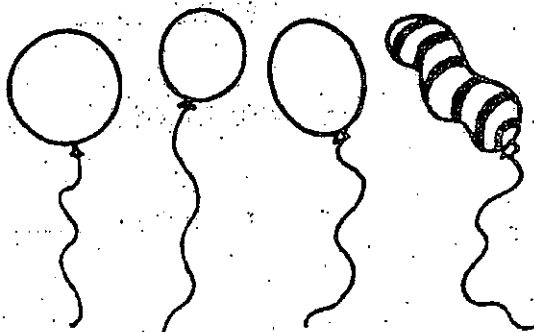
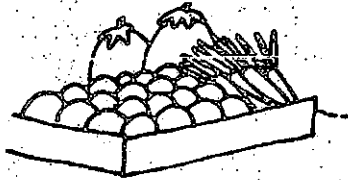Step 1. Multiply the ones.   Step 2. Regroup 20 ones for 2 tens.   Step 3. Multiply the tens and add the 2 tens.

$$18 \times 3 = 24$$

$$\begin{array}{r} 2 \\ 18 \\ \times 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 2 \\ 18 \\ \times 3 \\ \hline 54 \end{array}$$

Multiply.

1. $\begin{array}{r} 38 \\ \times 4 \\ \hline 152 \end{array}$
2. $\begin{array}{r} 36 \\ \times 3 \\ \hline \end{array}$
3. $\begin{array}{r} 29 \\ \times 2 \\ \hline \end{array}$
4. $\begin{array}{r} 39 \\ \times 6 \\ \hline \end{array}$
5. $\begin{array}{r} 28 \\ \times 8 \\ \hline \end{array}$
6. $\begin{array}{r} 37 \\ \times 4 \\ \hline \end{array}$

7. $\begin{array}{r} 67 \\ \times 7 \\ \hline \end{array}$
8. $\begin{array}{r} 45 \\ \times 4 \\ \hline \end{array}$
9. $\begin{array}{r} 27 \\ \times 5 \\ \hline \end{array}$
10. $\begin{array}{r} 49 \\ \times 5 \\ \hline \end{array}$
11. $\begin{array}{r} 43 \\ \times 7 \\ \hline \end{array}$
12. $\begin{array}{r} 46 \\ \times 9 \\ \hline \end{array}$

13. $\begin{array}{r} 95 \\ \times 7 \\ \hline \end{array}$
14. $\begin{array}{r} 44 \\ \times 8 \\ \hline \end{array}$
15. $\begin{array}{r} 68 \\ \times 9 \\ \hline \end{array}$
16. $\begin{array}{r} 47 \\ \times 9 \\ \hline \end{array}$
17. $\begin{array}{r} 85 \\ \times 2 \\ \hline \end{array}$
18. $\begin{array}{r} 53 \\ \times 8 \\ \hline \end{array}$

19. $\begin{array}{r} 48 \\ \times 8 \\ \hline \end{array}$
20. $\begin{array}{r} 54 \\ \times 6 \\ \hline \end{array}$
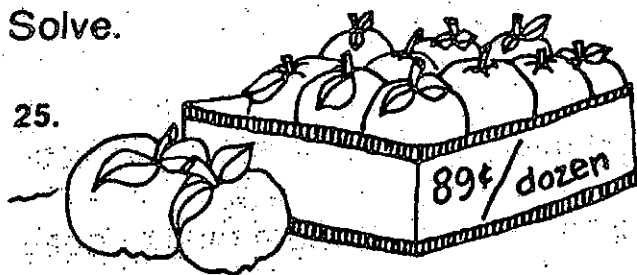21. $\begin{array}{r} 84 \\ \times 5 \\ \hline \end{array}$
22. $\begin{array}{r} 93 \\ \times 7 \\ \hline \end{array}$
23. $\begin{array}{r} 63 \\ \times 6 \\ \hline \end{array}$
24. $\begin{array}{r} 78 \\ \times 6 \\ \hline \end{array}$
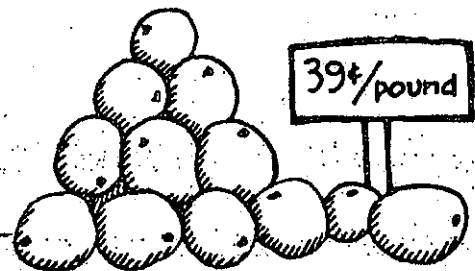
Solve.

25. 89¢/dozen

How much for 6 dozen? _____

26. 39¢/pound

How much for 5 pounds? _____

27. Mark delivers 78 papers each day. How many does he deliver in 6 days?

_____

28. Miriam practices her trumpet 45 minutes each day. How many minutes does she practice in one week?

_____

(4) Multiplying with regrouping   49

Division Facts (A)

Find each quotient.

$54 \div 6 =$	$32 \div 8 =$	$12 \div 3 =$	$15 \div 3 =$
$24 \div 3 =$	$40 \div 8 =$	$9 \div 3 =$	$24 \div 4 =$
$9 \div 1 =$	$6 \div 6 =$	$7 \div 1 =$	$5 \div 5 =$
$12 \div 6 =$	$28 \div 4 =$	$14 \div 2 =$	$54 \div 9 =$
$10 \div 5 =$	$56 \div 8 =$	$6 \div 1 =$	$7 \div 7 =$
$35 \div 7 =$	$27 \div 3 =$	$3 \div 1 =$	$16 \div 8 =$
$63 \div 7 =$	$4 \div 2 =$	$20 \div 5 =$	$40 \div 5 =$
$3 \div 3 =$	$42 \div 7 =$	$21 \div 7 =$	$6 \div 3 =$
$18 \div 3 =$	$45 \div 5 =$	$14 \div 7 =$	$36 \div 4 =$
$49 \div 7 =$	$56 \div 7 =$	$30 \div 5 =$	$28 \div 7 =$
$30 \div 6 =$	$25 \div 5 =$	$5 \div 1 =$	$8 \div 8 =$
$2 \div 1 =$	$72 \div 8 =$	$24 \div 6 =$	$48 \div 8 =$
$42 \div 6 =$	$18 \div 6 =$	$24 \div 8 =$	$21 \div 3 =$
$6 \div 2 =$	$12 \div 4 =$	$4 \div 4 =$	$15 \div 5 =$
$1 \div 1 =$	$64 \div 8 =$	$45 \div 9 =$	$8 \div 2 =$
$35 \div 5 =$	$36 \div 6 =$	$48 \div 6 =$	$10 \div 2 =$
$16 \div 4 =$	$20 \div 4 =$	$4 \div 1 =$	$8 \div 1 =$
$8 \div 4 =$	$16 \div 2 =$	$32 \div 4 =$	$63 \div 9 =$
$81 \div 9 =$	$36 \div 9 =$	$18 \div 2 =$	$72 \div 9 =$
$18 \div 9 =$	$2 \div 2 =$	$12 \div 2 =$	$9 \div 9 =$
$27 \div 9 =$	$18 \div 6 =$	$9 \div 3 =$	$54 \div 9 =$
$40 \div 5 =$	$24 \div 8 =$	$27 \div 9 =$	$72 \div 8 =$
$56 \div 8 =$	$2 \div 1 =$	$8 \div 8 =$	$12 \div 3 =$
$1 \div 1 =$	$20 \div 5 =$	$15 \div 5 =$	$10 \div 2 =$
$15 \div 5 =$	$16 \div 8 =$	$32 \div 4 =$	$18 \div 9 =$

$\frac{1}{2}$ in.   1 in. $\frac{1}{2}$ in.

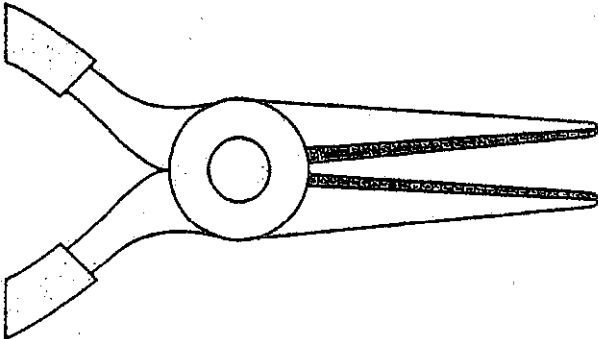$\frac{1}{8}$ $\frac{1}{4}$ $\frac{1}{4}$
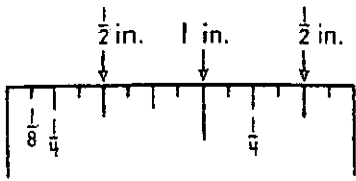
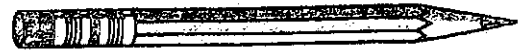The pipe measures $1\frac{1}{2}$ inches.

The battery measures 1 inch.

Find the length of each object to the nearest $\frac{1}{2}$ inch.

1. _____ in.

2. _____ in.

3. _____ in.

Use a ruler to draw a line segment for each measurement.

4. $\frac{1}{2}$ in.

5. $1\frac{1}{2}$ in.

6. 6 in.

7. $3\frac{1}{2}$ in.

8. 4 in.

9. $5\frac{1}{2}$ in.

Solve.

1. Sue had $3.00. She bought some baseball cards for $1.65. How much money did she have left?

$1.35

2. Samuel had $1.48. He sold some baseball cards for $1.25. How much money did he have then?

_____

3. John can buy a large package of baseball cards for $1.35. How much will 2 packages cost?

_____

4. Ken had 503 baseball cards. He gave his friend 129 of them. How many cards did he have then?

_____

Solve these two-step problems.

5. John had $3.75. He bought 2 packages of baseball cards for $1.29 each. How much money did he have then?

_____

6. Sarah had 173 baseball cards. She bought 36 more cards and then gave 48 cards to a friend. How many cards did she have then?

_____

7. Bill had 405 baseball cards. He traded 39 of his cards for 27 other cards. How many cards did he have then?

_____

8. Beth had 187 baseball cards. She bought 75 new cards and sold 59 of her old cards. How many cards did she have then?

_____

9. Andrew had 328 baseball cards. He gave 29 cards to Beth and 35 cards to Sarah. How many cards did he have then?

_____

10. Ken had $2.42. He sold some baseball cards for $.65 and bought some new cards for $1.28. How much money did he have then?

_____

(4) Two-step problems 28

1) Sample

$$\cancel{8}\overset{2}{\cancel{3}}.\overset{9}{\cancel{0}}\overset{10}{\cancel{0}}$$
$$- \quad 1.65$$
$$\overline{\ \$1.35\ }$$

2)

3)

4)

5)

6)

7)

8)

9)

10)

13)

$$x \begin{array}{|c|c|c|c|c|} & 1 & 2 & 3 & 4 & 5 \\ \hline 8 & 8 & 16 & 24 & 32 & 40 \end{array}$$

8×4 Subtract.

$$\begin{array}{r} 4 \\ 8\overline{)33} \\ -32 \\ \hline 1 \end{array}$$

33 is between 32 and 40, so 33 ÷ 8 is between 4 and 5. The ones digit is 4.

Since 33 − 32 = 1 and 1 is less than 8, the remainder 1 is recorded like this: ⟶

$$\begin{array}{r} 4 \ r\,1 \\ 8\overline{)33} \\ -32 \\ \hline 1 \end{array}$$

Divide.

	a	b	c	d	e
1.	$5\overline{)26}$	$7\overline{)58}$	$4\overline{)31}$	$9\overline{)82}$	$6\overline{)35}$
2.	$8\overline{)66}$	$3\overline{)17}$	$2\overline{)13}$	$7\overline{)50}$	$6\overline{)40}$
3.	$9\overline{)30}$	$5\overline{)41}$	$3\overline{)10}$	$8\overline{)73}$	$7\overline{)57}$
4.	$8\overline{)20}$	$6\overline{)37}$	$9\overline{)55}$	$7\overline{)29}$	$5\overline{)47}$