Unit 1: NUMBERS 1–1,000

Examples:

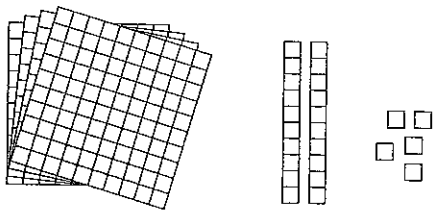
1. Write 909 in words. nine hundred and nine
2. In 285, which digit is in the tens place? 8
3. In 704, in which place is the digit 4? ones
4. Fill in the blank with *greater* or *smaller*.

   530 is _____ than 503. greater
5. 50 less than 955 is _____. 905
6. Fill in the missing numbers in the number pattern.

   410, 430, _____, _____, 490, 510 450, 470

Count the squares, and write the correct numbers on the lines.

1.



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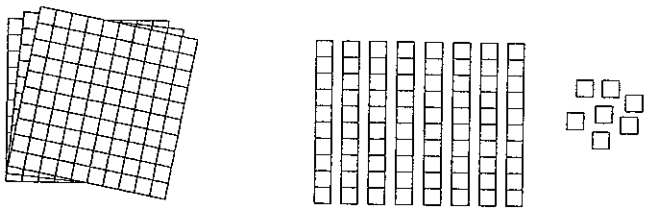
2.



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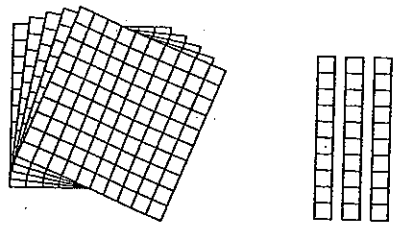
3. 

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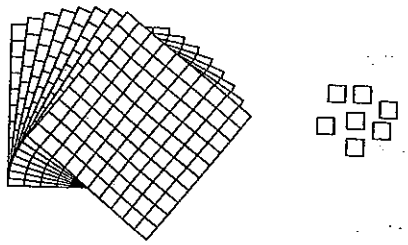
4. 

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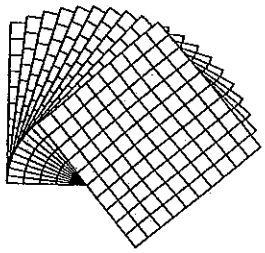
5. 

_____

Write the following numbers as words on the lines.

6. 760 _____

7. 378 _____

8. 456 _____

9. 202 _____

10. 1,000 _____

Write the numbers on the lines.

11. five hundred and sixty-two _____

12. seven hundred and seventy-nine _____

13. one hundred and ten _____

14. three hundred and fifty-eight _____

15. nine hundred and seven _____

Fill in each blank with the correct answer.

16. 825 = _____ hundreds _____ tens _____ ones

17. 630 = _____ hundreds _____ tens _____ ones

18. 705 = _____ hundreds _____ tens _____ ones

19. 459 = _____ hundreds _____ tens _____ ones

20. 1,000 = _____ hundreds _____ tens _____ ones

21. In 671, the digit 7 is in the _____ place.

22. In 415, the digit 4 is in the _____ place.

23. In 567, the digit 5 is in the _____ place.

24. In 928, the digit _____ is in the hundreds place.

25. In 873, the digit _____ is in the ones place.

26. In 609, the digit _____ is in the tens place.

Fill in each blank with *smaller* or *greater*.

27. 400 is _____ than 40.

28. 926 is _____ than 962.

29. 370 is _____ than 730.

30. 805 is _____ than 580.

31. 235 is _____ than 352.

Arrange these numbers in order. Begin with the smallest.

32. 397 379 973 937

_____

33. 192 199 319 219

_____

34. 415 571 451 511

_____

35. 165 116 816 819

_____

36. 404 434 448 344

_____

Arrange these numbers in order. Begin with the largest.

37. 570 705 507 750

_____

38. 314 413 134 341

_____

39. 389 960 187 517 608

_____

40. 320 190 857 220 456

_____

41. 927 279 727 970 290

_____

Fill in each blank with the correct answer.

42. 10 more than 560 is _____.

43. 20 less than 680 is _____.

44. _____ is 100 more than 778.

45. _____ is 200 less than 695.

46. _____ is 5 less than 279.

Complete the number patterns.

47. 280, 290, _____, _____, 320

48. 970, 870, 770, _____, _____

49. 760, _____, 800, 820, _____

50. 430, 460, _____, _____, 550

51. _____, _____, 650, 750, 850

Unit 2: ADDING AND SUBTRACTING NUMBERS 1–1,000

Examples:

1.
$$\begin{array}{r} 316 \\ +\ 121 \\ \hline 437 \end{array}$$

2.
$$\begin{array}{r} 625 \\ -\ 313 \\ \hline 312 \end{array}$$

3.
$$\begin{array}{r} {}^{1}\ \ \ \\ 483 \\ +\ 398 \\ \hline 881 \end{array}$$

4.
$$\begin{array}{r} {}^{6}\ {}^{9}\ {}^{10} \\ \cancel{7}\ \cancel{0}\ 0 \\ -\ 293 \\ \hline 407 \end{array}$$

Solve the addition problems below.

1.
$$\begin{array}{r} 143 \\ +\ 214 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 312 \\ +\ 481 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 732 \\ +\ 145 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 201 \\ +\ 283 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 821 \\ +\ 163 \\ \hline \end{array}$$

Solve the subtraction problems below.

6.
$$\begin{array}{r} 569 \\ -\ 234 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 932 \\ -\ 121 \\ \hline \end{array}$$

8. 736
− 204

9. 375
− 152

10. 859
− 607

Solve the following addition problems by regrouping.

11. 135
+ 109

12. 505
+ 295

13. 737
+ 129

14. 256
+ 380

15. 462
+ 208

16. 397
+ 546

Solve the following subtraction problems by regrouping.

17. 353
− 174

18. 971
− 369

19. 400
− 205

20. 632
− 171

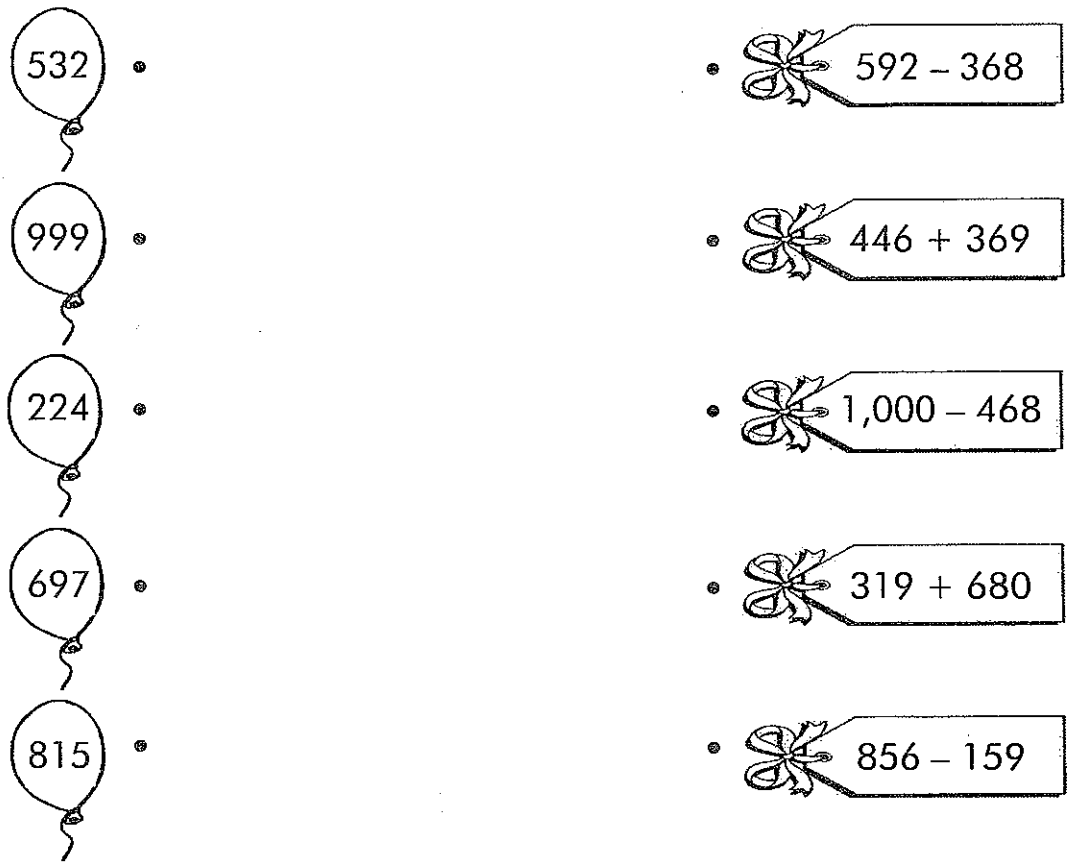
21. 412
− 124

22. 500
− 178

23. 800
− 280

24. 980
− 555

25. Match each balloon to the correct tag.



Fill in each empty box with a +, – or = sign.

26.

73		42		115
70		30		40
3		72		75

27.

231		124		355
115		96		19
116		220		336

Solve the following story problems. Show your work in the space below.

28. Lena collects 389 stickers. Anne collects 317 more stickers than Lena. How many stickers does Anne collect?

Anne collects _____ stickers.

29. Tom has 416 bottle caps. John has 29 bottle caps fewer than Tom. How many bottle caps does John have?

John has _____ bottle caps.

30. Mr. Abdul sold 586 roses on Monday. He sold 237 roses on Tuesday. How many roses did he sell altogether?

He sold _____ roses altogether.

31. There were 416 visitors to a museum on Saturday. There were 555 visitors to the museum on Sunday. How many visitors were at the museum on both days?

_____ visitors were at the museum on both days.

32. Marcus and Jack spent $837 at a computer fair. If Jack spent $469, how much did Marcus spend?

Marcus spent $_____.

REVIEW 1

Write the following numbers as words on the lines.

1. 375 _____

2. 919 _____

Write the numbers on the lines.

3. two hundred and twelve _____

4. three hundred and three _____

5. Arrange these numbers in order. Begin with the largest.

313	420	179	402	917

_____, _____, _____, _____, _____

6. Arrange these numbers in order. Begin with the smallest.

812	128	182	281	218

_____, _____, _____, _____, _____

Fill in each blank with the correct answer.

7. 10 more than 360 is _____.

8. 50 less than 876 is _____.

9. 536, _____, 496, 476, _____

Solve the problems below. Show your work.

10. $\begin{array}{r} 608 \\ +\ 129 \\ \hline \end{array}$

11. $\begin{array}{r} 576 \\ +\ 188 \\ \hline \end{array}$

12. $\begin{array}{r} 154 \\ +\ 365 \\ \hline \end{array}$

13. $\begin{array}{r} 312 \\ +\ 498 \\ \hline \end{array}$

14. $\begin{array}{r} 700 \\ -\ 435 \\ \hline \end{array}$

15. $\begin{array}{r} 328 \\ -\ 109 \\ \hline \end{array}$

16. $\begin{array}{r} 860 \\ -\ 389 \\ \hline \end{array}$

17. $\begin{array}{r} 542 \\ -\ 379 \\ \hline \end{array}$

Solve the following story problems. Show your work in the space below.

18. The table below shows the number of people who went to the zoo on 3 different days.

Monday	Tuesday	Wednesday
379	686	575

(a) How many more people went to the zoo on Wednesday than on Monday?

_____ more people went to the zoo on Wednesday than on Monday.

(b) How many fewer people went to the zoo on Monday than on Tuesday?

_____ fewer people went to the zoo on Monday than on Tuesday.

19. Aaron has collected 494 stamps. He wants to collect 1,000 stamps. How many more stamps does Aaron need to collect?

Aaran needs to collect _____ more stamps.

20. Jazmin sold 360 flowers on Friday. She sold 265 flowers on Saturday. How many flowers did Jazmin sell on both days?

Jazmin sold _____ flowers on both days.

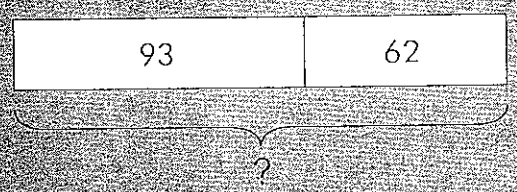
Unit 3: FUN WITH MODELS (ADDING AND SUBTRACTING)

Examples:

1. James has 93 postcards.

   Anya has 62 postcards.

   How many postcards do they have altogether?



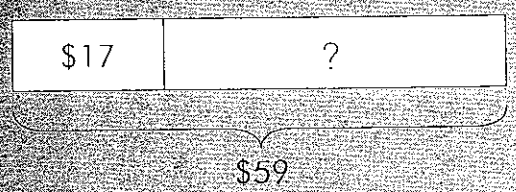
$$93 + 62 = 155$$

They have **155** postcards altogether.

2. Aunt Lily had $59.

   She spent $17 on a book.

   How much did she have left?

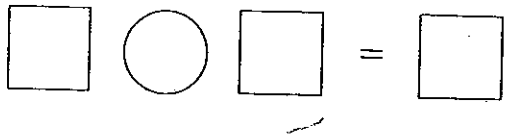


$$\$59 - \$17 = \$42$$

She had **$42** left.

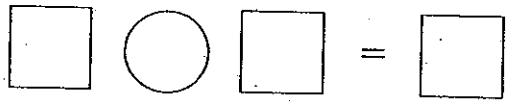
Draw the models, and solve the following story problems.

1. Danny has 576 bookmarks. Emilio has 186 bookmarks. How many bookmarks do they have altogether?



They have _____ bookmarks altogether.

2. Eddy has 280 chickens. He sells 168 chickens. How many chickens does he have left?



He has _____ chickens left.

3. A shopkeeper sold 360 oranges on Monday. He sold 275 oranges on Tuesday and another 150 oranges on Wednesday. How many oranges did he sell altogether?

He sold _____ oranges altogether.

4. Samantha had 96 seashells. She gave some to her best friend. She had 78 seashells left. How many did she give to her best friend?

□ ○ □ = □

She gave _____ seashells to her best friend.

5. Andy received 131 stamps from his father. His sister gave him 280 stamps. How many stamps did he have altogether?

□ ○ □ = □

He had _____ stamps altogether.

6. There are 216 chickens, 137 ducks, and 97 rabbits on a farm. How many animals are there on the farm?

□ ○ □ ○ □ = □

There are _____ animals on the farm.

7. Malik had 720 trading cards. He gave some to his brother. He had 465 trading cards left. How many trading cards did he give to his brother?

□ ○ □ = □

He gave _____ trading cards to his brother.

8. Hitomi saves $310. Her brother saves $280 more than Hitomi.

(a) How much does her brother save?

□ ○ □ = □

Her brother saves $_____.

(b) How much do they save altogether?

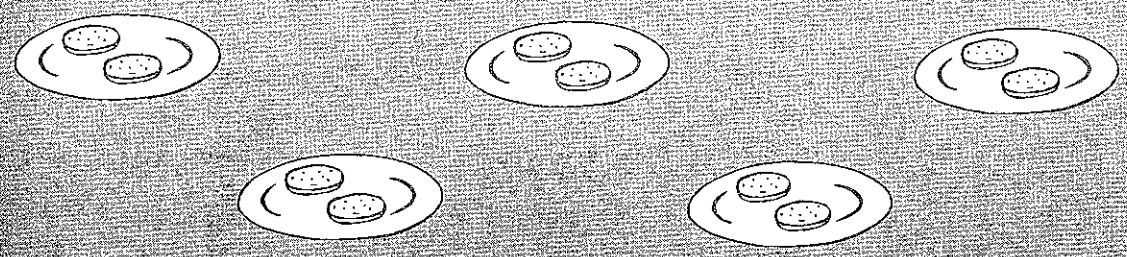
□ ○ □ = □

They save $_____ altogether.

Unit 4: MULTIPLYING AND DIVIDING

Examples:

1.



There are 5 plates on a table.
There are 2 crackers on each plate.
How many crackers are there altogether?

$$5 \times 2 = 10$$

There are <u>10</u> crackers altogether.

2.

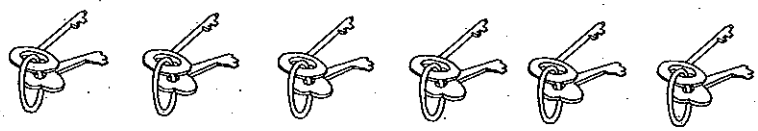
Natalie bought 16 ears of sweet corn.
She put an equal number of ears of corn into 4 bags.
How many ears of corn are there in each bag?

$$16 \div 4 = 4$$

There are <u>4</u> ears of sweet corn in each bag.

Look at the pictures carefully, and fill in each blank with the correct answer.

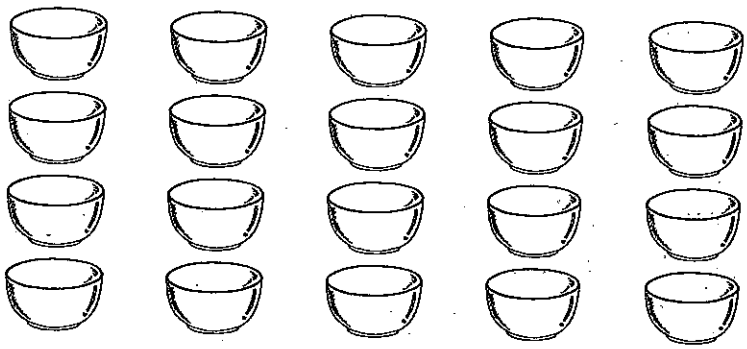
1.



6 twos = _____

6 × 2 = _____

2.



5 fours = _____

5 × 4 = _____

3.

7 threes = _____

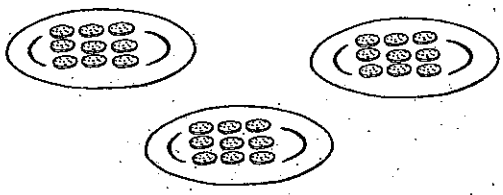
7 × 3 = _____

4.

5 fives = _____

5 × 5 = _____

5.

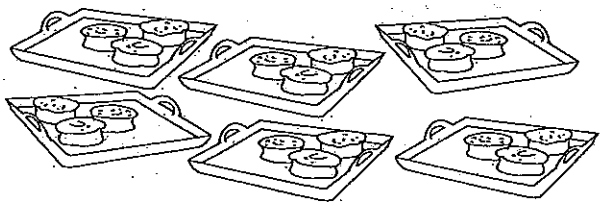


3 nines = _____

3 × 9 = _____

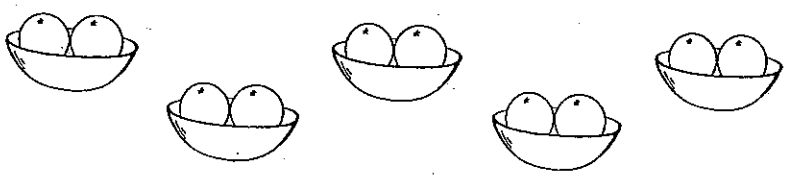
Study the pictures below. Fill in each blank with the correct answer.

6.



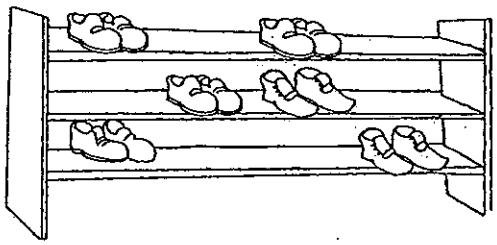
____ + ____ + ____ + ____ + ____ + ____ = _____

7.



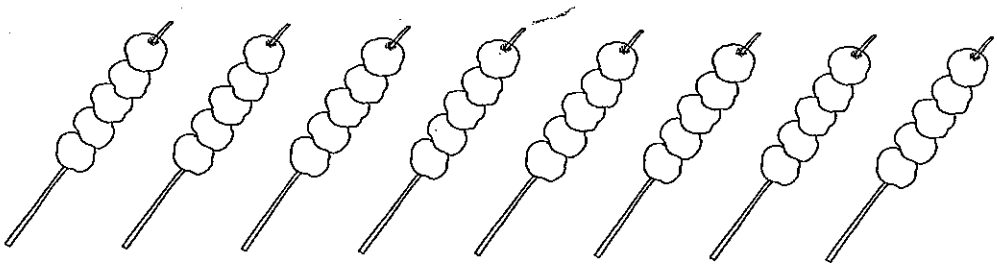
____ + ____ + ____ + ____ + ____ = _____

8.



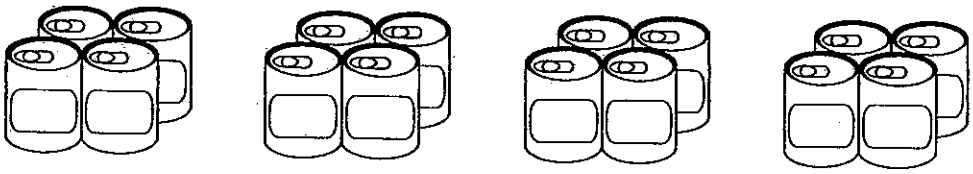
____ + ____ + ____ = _____

9.



____ + ____ + ____ + ____ + ____ + ____ + ____ + ____ = _____

10.



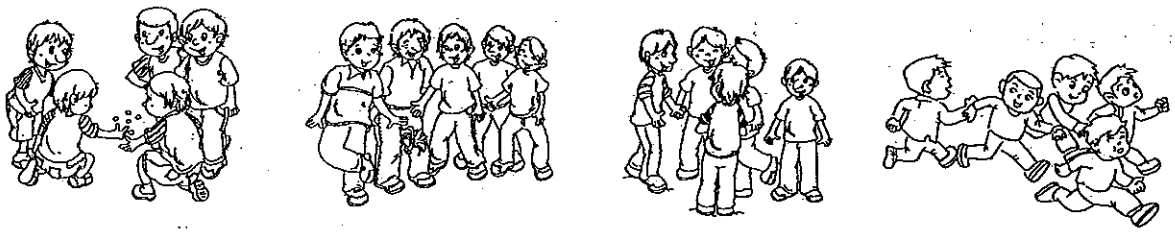
____ + ____ + ____ + ____ = _____

Look at the pictures carefully, and fill in each blank with the correct answer.

11.

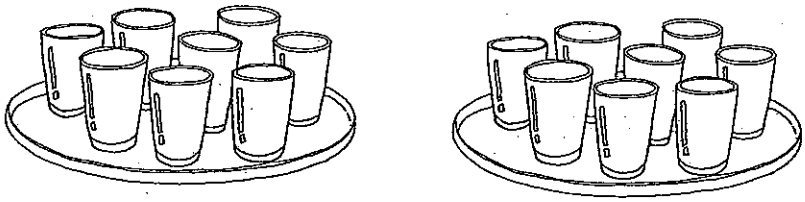
7 × _____ = _____

12.



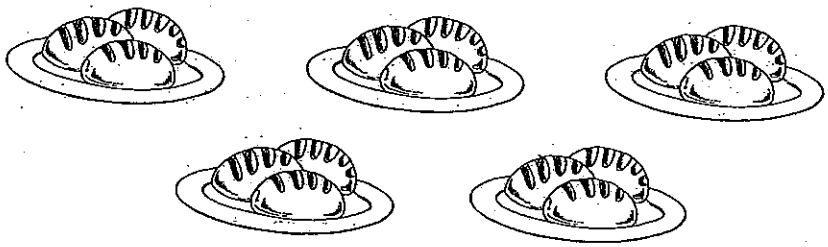
_____ × 5 = _____

13.



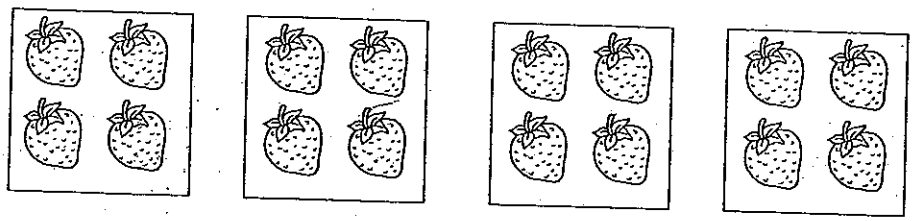
2 × _____ = _____

14.



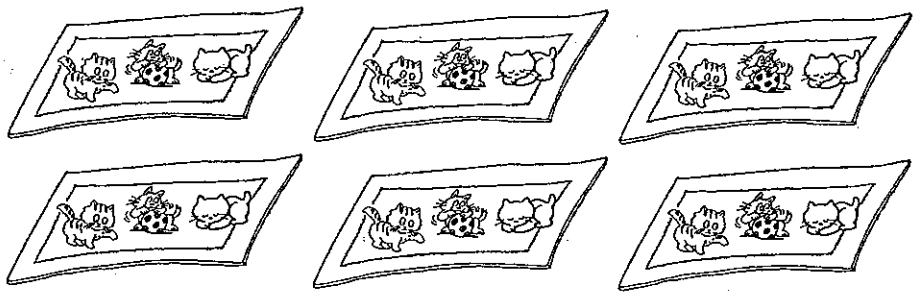
5 × _____ = _____

15.



_____ × 4 = _____

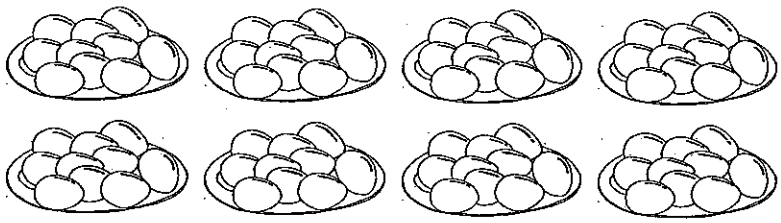
16. There are 3 kittens on each mat.



_____ × _____ = _____

There are _____ kittens altogether.

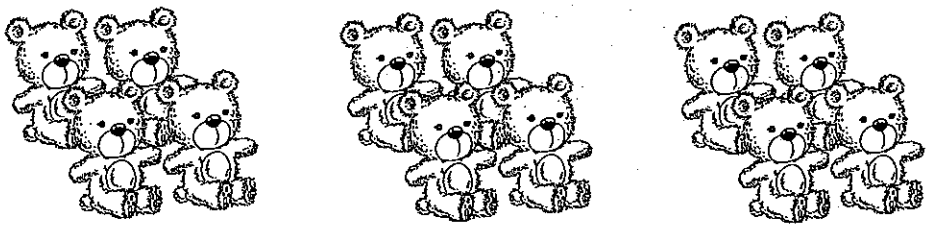
17. There are 10 eggs on each tray.



_____ × _____ = _____

There are _____ eggs altogether.

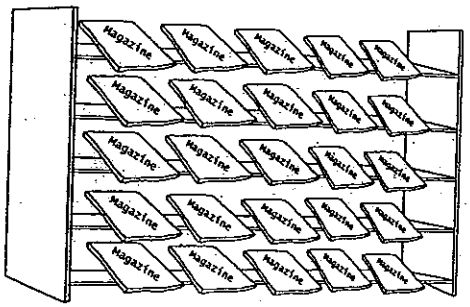
18. There are 4 teddy bears in each group.



_____ × _____ = _____

There are _____ teddy bears altogether.

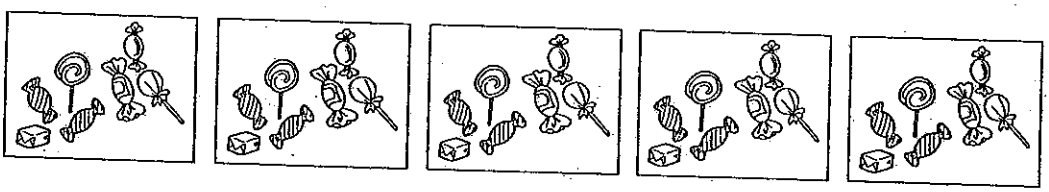
19. There are 5 magazines on each shelf.



_____ × _____ = _____

There are _____ magazines altogether.

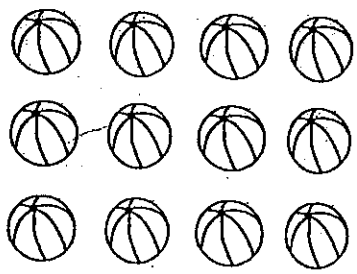
20. There are 7 pieces of candy in each box.



_____ × _____ = _____

There are _____ pieces of candy altogether.

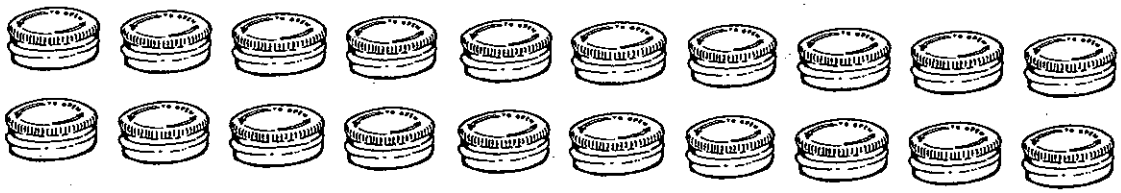
21. Divide 12 balls into 3 equal groups.



12 ÷ _____ = _____

There are _____ balls in each group.

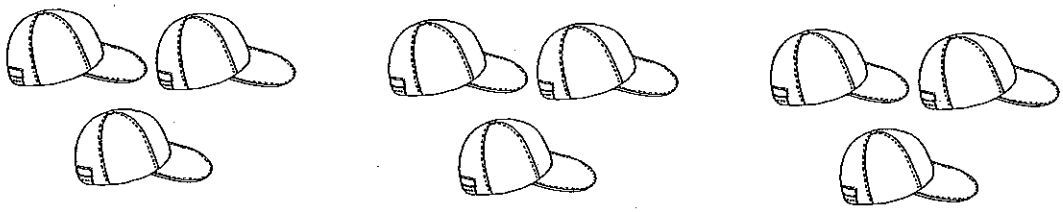
22. Divide 20 bottle caps into 2 equal groups.



20 ÷ _____ = _____

There are _____ bottle caps in each group.

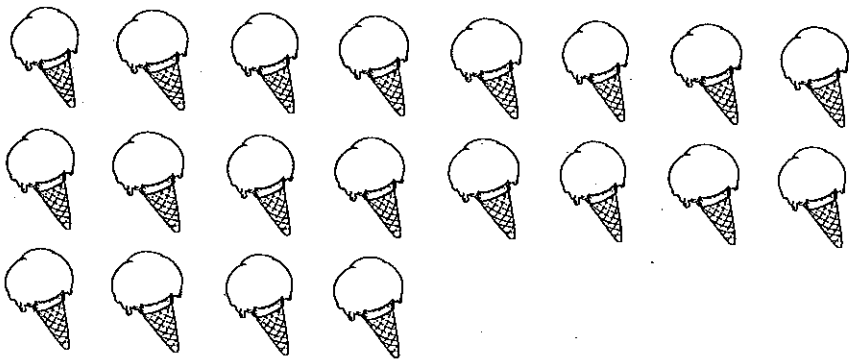
23. Divide 9 hats into groups of 3.



9 ÷ _____ = _____

There are _____ groups of hats.

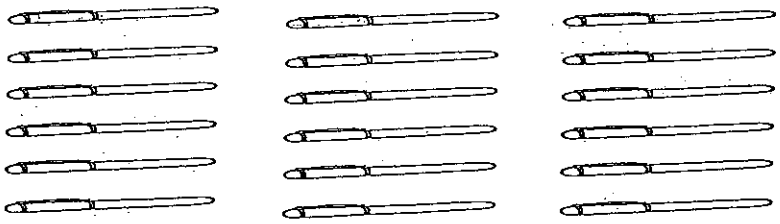
24. Divide 20 ice-cream cones into groups of 4.



20 ÷ _____ = _____

There are _____ groups of ice-cream cones.

25. Divide 18 pens into groups of 3.

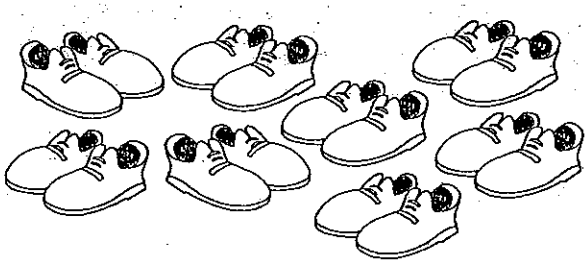


18 ÷ _____ = _____

There are _____ groups of pens.

Write 2 multiplication and division sentences for each set of pictures.

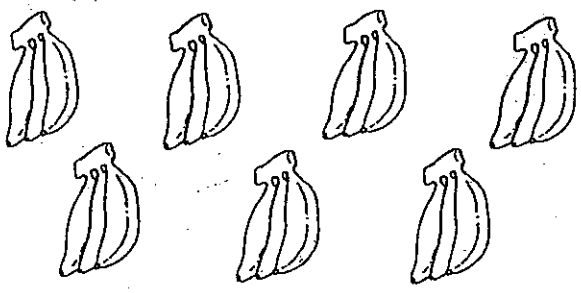
26.



_____ × _____ = _____ _____ × _____ = _____

_____ ÷ _____ = _____ _____ ÷ _____ = _____

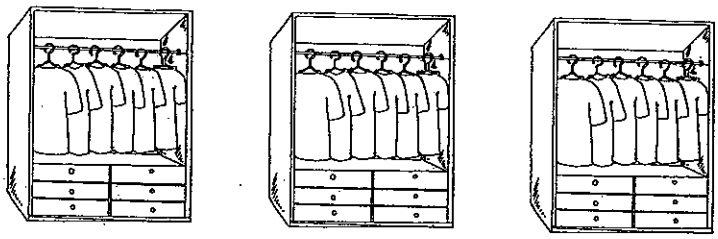
27.



_____ × _____ = _____ _____ × _____ = _____

_____ ÷ _____ = _____ _____ ÷ _____ = _____

28.



_____ × _____ = _____ _____ × _____ = _____

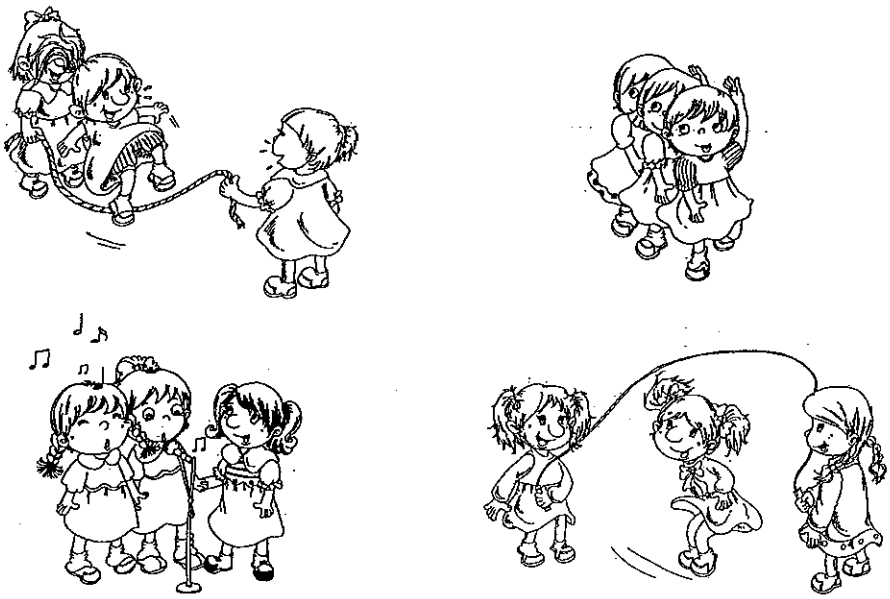
_____ ÷ _____ = _____ _____ ÷ _____ = _____

29.

_____ × _____ = _____ _____ × _____ = _____

_____ ÷ _____ = _____ _____ ÷ _____ = _____

30.



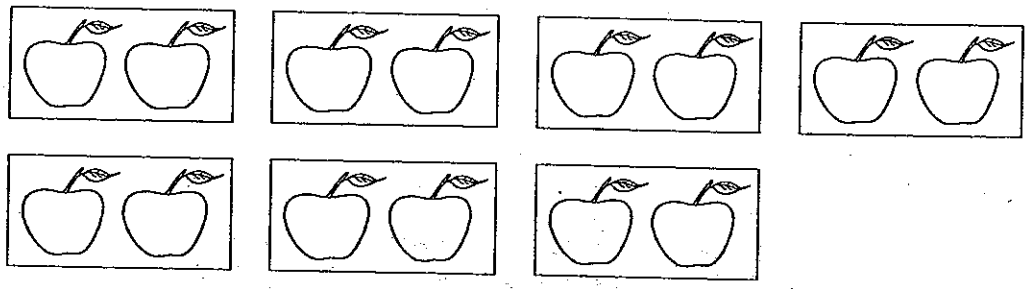
_____ × _____ = _____ _____ × _____ = _____

_____ ÷ _____ = _____ _____ ÷ _____ = _____.

REVIEW 2

Look at the pictures carefully, and fill in each blank with the correct answer.

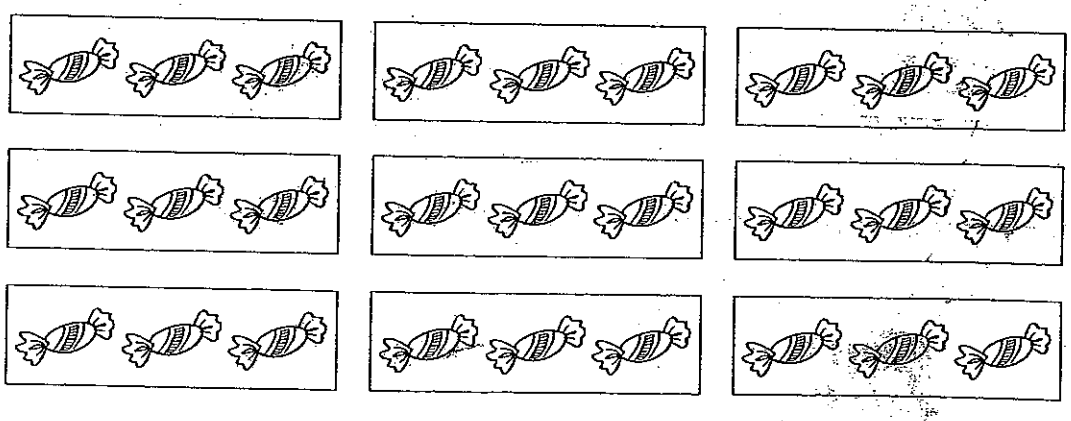
1.



7 twos = _____

7 × 2 = _____

2.

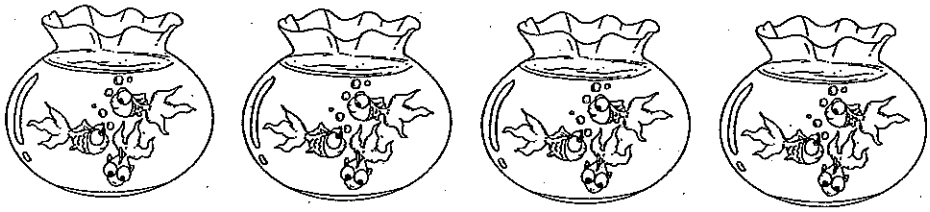


_____ + _____ + _____ + _____ + _____ +

_____ + _____ + _____ + _____ = _____

Write 2 multiplication and division sentences for each set of pictures.

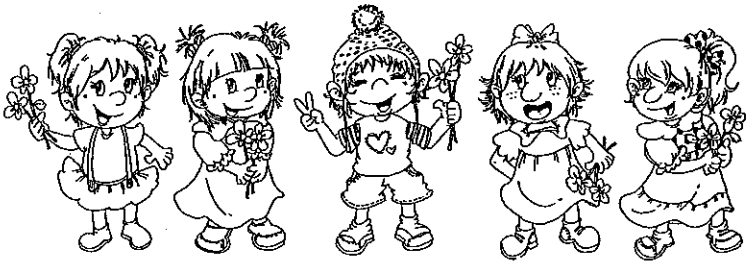
3.



_____ × _____ = _____ _____ × _____ = _____

_____ ÷ _____ = _____ _____ ÷ _____ = _____

4.

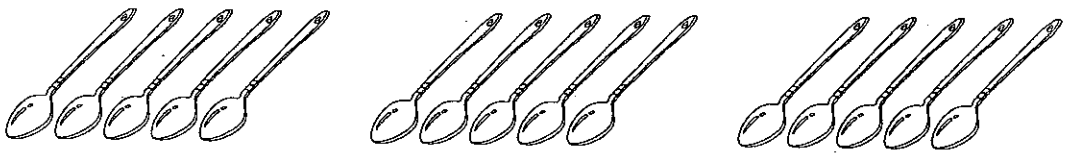


_____ × _____ = _____ _____ × _____ = _____

_____ ÷ _____ = _____ _____ ÷ _____ = _____

Study the pictures carefully, and fill in each blank with the correct answer.

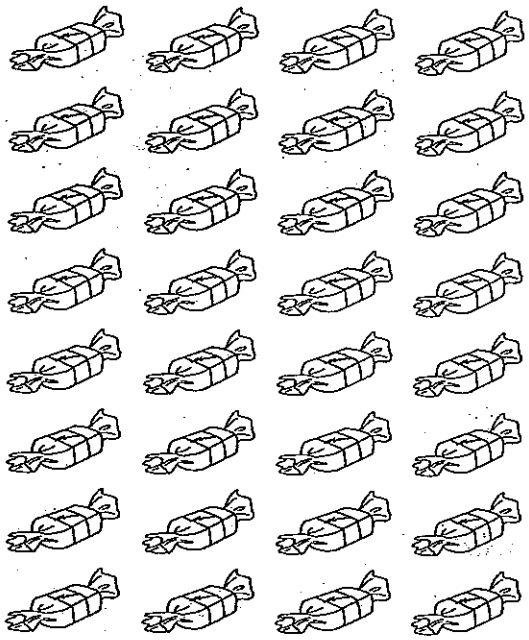
5. Divide 15 spoons into 3 equal groups.



15 ÷ _____ = _____

There are _____ spoons in each group.

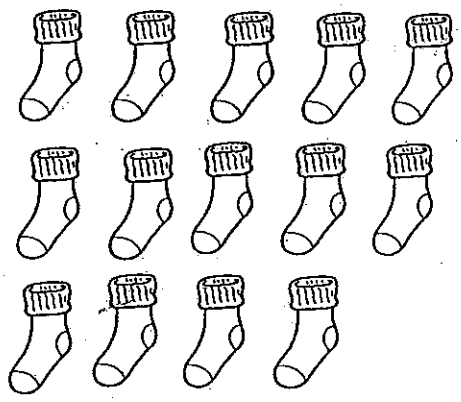
6. Divide 32 pieces of candy into groups of 4.



32 ÷ _____ = _____

There are _____ groups of candy.

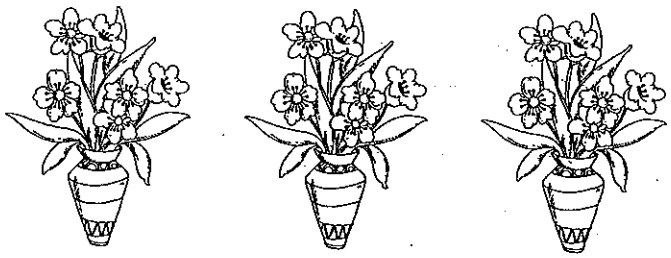
7. Divide 14 socks into 2 equal groups.



14 ÷ _____ = _____

There are _____ socks in each group.

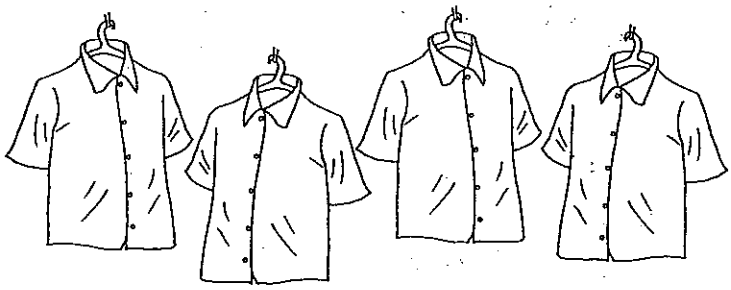
8. There are 6 flowers in each vase.



_____ × _____ = _____

There are _____ flowers altogether.

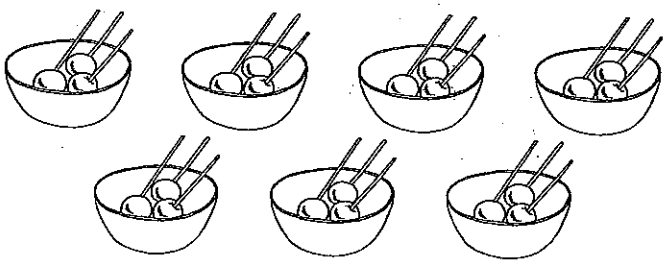
9. There are 5 buttons on each shirt.



_____ × _____ = _____

There are _____ buttons altogether.

10. There are 3 lollipops in each bowl.



_____ × _____ = _____

There are _____ lollipops altogether.

Draw the models, and solve the following story problems.

11. Abby has 796 stickers in her collection. Her sister gives her another 159 stickers. How many stickers does Abby have?

Abby has _____ stickers.

12. Jaya has 187 oranges. She uses 93 oranges to make some juice for a party. How many oranges does she have left?

She has _____ oranges left.

13. Benjamin scored 96 on his English test. He scored 82 on his math test. What was his combined score for both tests?

He scored _____ on both tests combined.

14. (a) Mrs. Anderson baked 455 cookies at her bakery on Saturday. She baked 380 cookies on Sunday. How many cookies did she bake during the weekend?

She baked _____ cookies during the weekend.

(b) She gave 172 cookies to her son's school. How many cookies did she have left?

She had _____ cookies left.

15. Katrina has 496 books. Isabel has 388 books. How many books do they have in all?

They have _____ books in all.

16. Cameron spent $285 on a trip to Florida. Antonio spent $62 less than Cameron. How much did Antonio spend?

Antonio spent $_____.

17. Dmitri has 9 marbles. Adrian has 8 marbles. Zackary has 6 marbles. How many marbles do the 3 boys have altogether?

The 3 boys have _____ marbles altogether.

18. Mr Simon had 245 oranges and 379 apples. 188 pieces of fruit were rotten. How many pieces of fruit did Mr. Simon have left?

Mr. Simon had _____ pieces of fruit left.

19. Kaylee spent $503 in June. She spent $128 less in June than in July. How much did she spend in July?

She spent $_____ in July.

20. 586 visitors went to the zoo in November. 253 fewer vistors went to the zoo in December. How many visitors went to the zoo in these 2 months?

_____ visitors went to the zoo in these 2 months.

Unit 5: MULTIPLYING AND DIVIDING NUMBERS BY 2 AND 3

Examples

1. Rick has 3 notebooks.
   There are 10 pages in each notebook.
   How many pages are there in all?

   $3 \times 10 = 30$

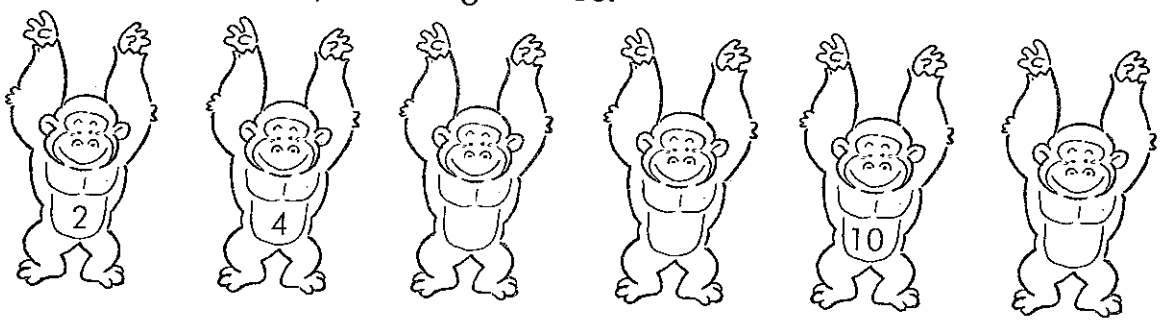
   There are <u>30</u> pages in all.

2. Mrs. Mendoza has 18 carrots.
   She gives each rabbit 2 carrots.
   How many rabbits does she give all her carrots to?

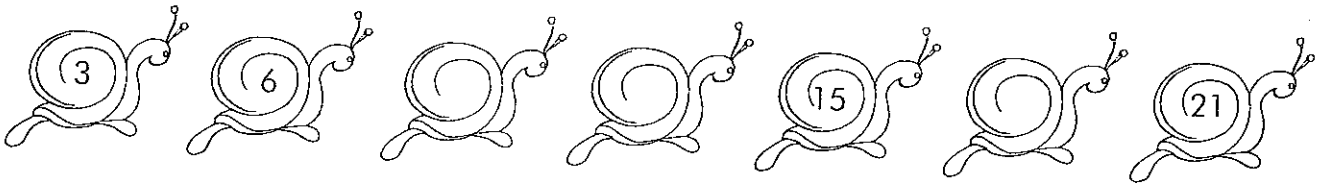
   $18 \div 2 = 9$

   She gives all her carrots to <u>9</u> rabbits.

1. Fill in each blank by counting in twos.



2. Fill in each blank by counting in threes.



Fill in each blank with the correct answer.

3. $4 \times 2 =$ _____
4. $6 \times 2 =$ _____
5. $5 \times 3 =$ _____
6. $8 \times 2 =$ _____
7. $9 \times 3 =$ _____
8. $3 \times 3 =$ _____
9. $7 \times 3 =$ _____
10. $9 \times 2 =$ _____
11. $6 \times 3 =$ _____
12. $5 \times 2 =$ _____

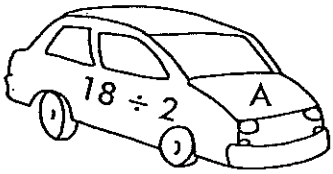
Fill in each blank with the correct answer.

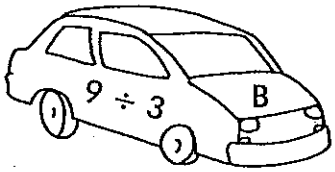
13. _____ $\times 2 = 20$
14. _____ $\times 3 = 15$
15. $2 \times$ _____ $= 12$
16. $3 \times$ _____ $= 9$
17. $3 \times$ _____ $= 18$
18. $3 \times$ _____ $= 27$
19. $2 \times$ _____ $= 10$
20. _____ $\times 3 = 12$
21. _____ $\times 2 = 16$
22. _____ $\times 2 = 18$

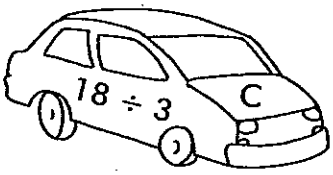
Fill in each blank with the correct answer.

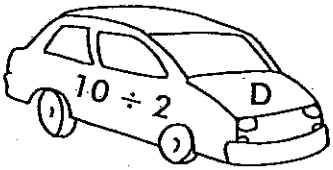
23. $30 \div 3 =$ _____
24. $21 \div 3 =$ _____
25. $16 \div 2 =$ _____
26. $18 \div 3 =$ _____
27. $14 \div 2 =$ _____
28. $8 \div 2 =$ _____
29. $12 \div 2 =$ _____
30. $15 \div 3 =$ _____
31. $10 \div 2 =$ _____
32. $24 \div 3 =$ _____

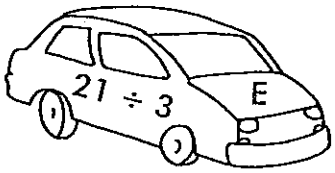
33. Match each car to the correct owner.





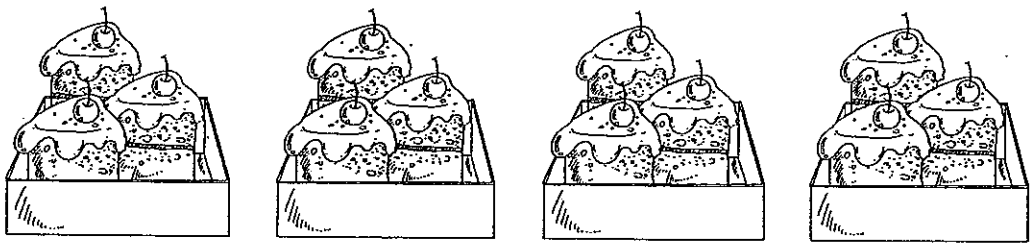






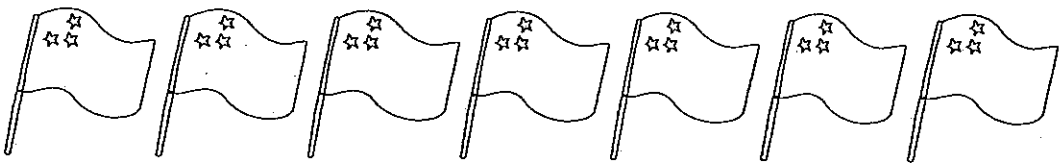
Solve the following story problems. Show your work in the space below.

34. Taylor bought 4 boxes of cake. There were 3 pieces of cake in each box. How many pieces of cake were there altogether?



There were _____ pieces of cake altogether.

35. There are 3 stars on a flag. There are 7 flags. How many stars are ther altogether?



There are _____ stars altogether.

36. Each tricycle has 3 wheels. There are 15 wheels altogether. How many tricycles are there?

There are _____ tricycles.

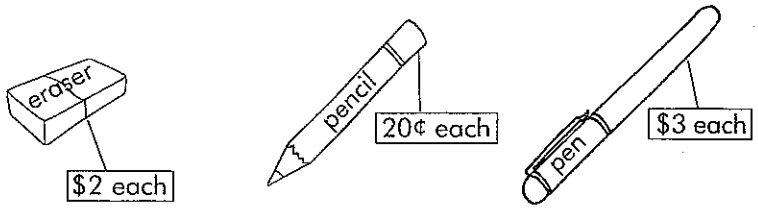
37. Eliza baked 14 muffins. She gave 2 muffins to each of her friends. How many friends did she give the muffins to?

She gave the muffins to _____ friends.

38. Minh packs 3 tennis balls into each bag. If there are 27 tennis balls, how many bags will she need?

She will need _____ bags.

39. The picture below shows several items sold at a drugstore.



(a) Jane buys 4 erasers. How much does she pay in all?

$_____

(b) Luke has $12. How many pens can he buy?

_____ pens

(c) Ken buys 3 pens. How much does he pay altogether?

$_____

(d) Jade has $16. How many erasers can she buy?

_____ erasers

(e) There are 4 students in a group. If Mrs. Moran gives 3 pencils to each student, how many pencils does she need to buy?

_____ pencils

40. Complete the crossword puzzle with the correct answers.

12	÷		=	6
÷				×
	÷		=	
=				=
	×	9	=	18

Unit 6: MULTIPLYING AND DIVIDING NUMBERS BY 4, 5, AND 10

Examples:

1. There are 10 SUVs in a parking lot.

   Each SUV has 4 wheels.

   How many wheels are there altogether?

   $$10 \times 4 = 40$$

   There are <u>40</u> wheels altogether.

2. Uncle Ron works 5 days each week.

   How many days does he work in 8 weeks?

   $$8 \times 5 = 40$$

   He works <u>40</u> days in 8 weeks.

3. There are 80 pens.

   Andre ties 10 pens in each bundle.

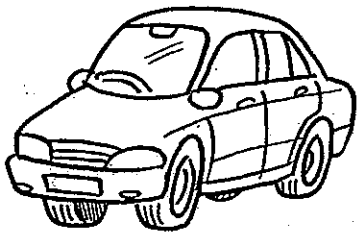
   How many bundles of pens does Andre tie?

   $$80 \div 10 = 8$$

   Andre ties <u>8</u> bundles of pens.

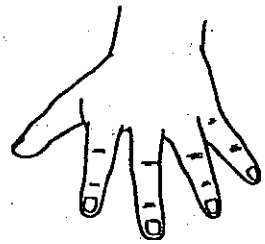
Complete the following tables.

1. Each car has 4 wheels.



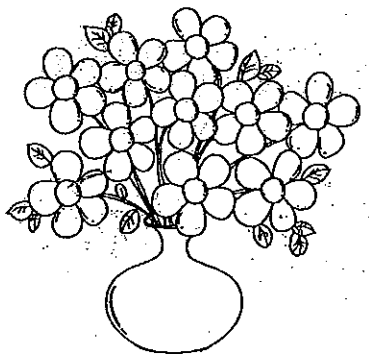
Number of cars	1	2	4		9
Number of wheels	4	8		28	

2. Each hand has 5 fingers.



Number of hands	2		6		10
Number of fingers	10	20		45	

3. Each vase has 10 flowers.



Number of vases	3		7	8	
Number of flowers	30	50			100

Fill in each blank with the correct answer.

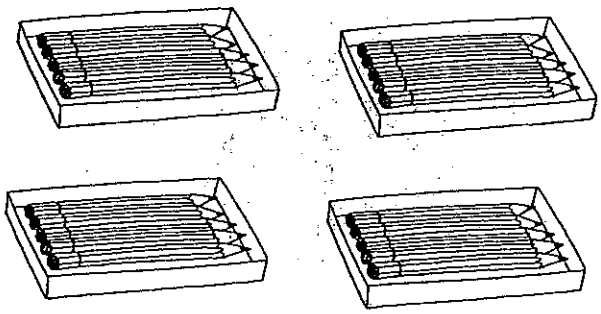
4. $6 \times 4 =$ _____
5. $3 \times 5 =$ _____
6. $6 \times 5 =$ _____
7. $9 \times 5 =$ _____
8. $3 \times 10 =$ _____
9. $8 \times 10 =$ _____
10. $9 \times 4 =$ _____
11. $7 \times 10 =$ _____
12. $2 \times 4 =$ _____
13. $7 \times 5 =$ _____

Fill in each blank with the correct answer.

14. $30 \div 5 =$ _____
15. $20 \div 10 =$ _____
16. $16 \div 4 =$ _____
17. $40 \div 5 =$ _____
18. $24 \div 4 =$ _____
19. $90 \div 10 =$ _____
20. $12 \div 4 =$ _____
21. $100 \div 10 =$ _____
22. $10 \div 5 =$ _____
23. $40 \div 10 =$ _____

Write 2 multiplication and division sentences for each set of pictures.

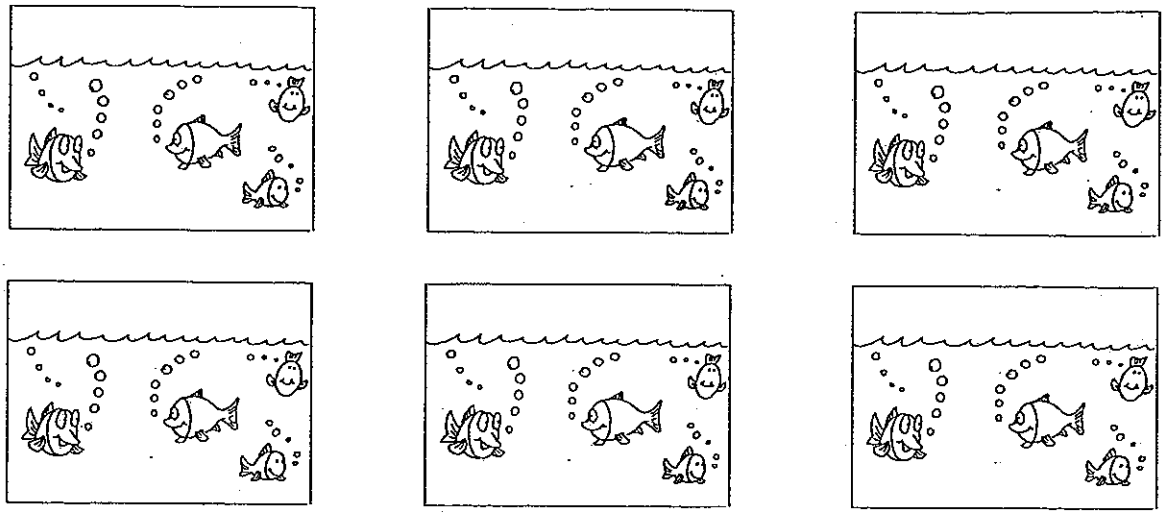
24.



_____ × _____ = _____ _____ ÷ _____ = _____

_____ × _____ = _____ _____ ÷ _____ = _____

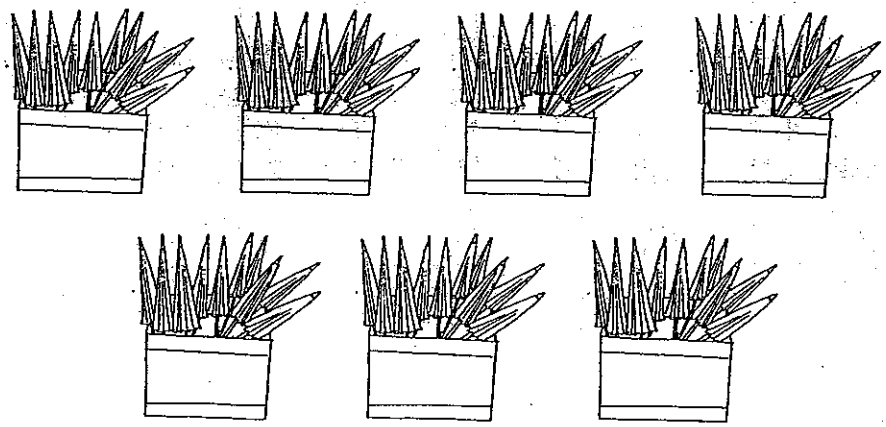
25.



_____ × _____ = _____ _____ ÷ _____ = _____

_____ × _____ = _____ _____ ÷ _____ = _____

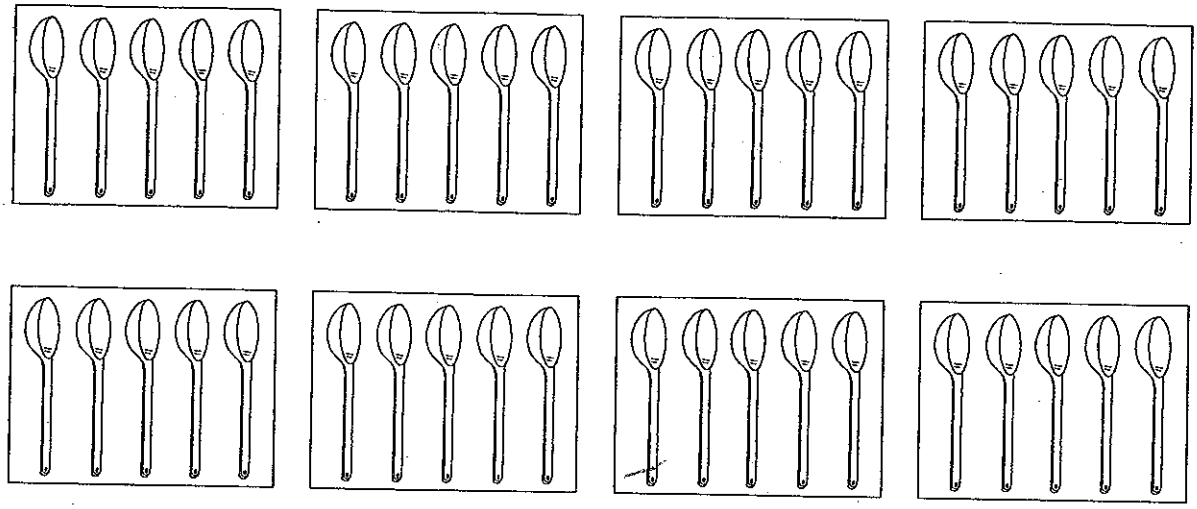
26.



_____ × _____ = _____ _____ ÷ _____ = _____

_____ × _____ = _____ _____ ÷ _____ = _____

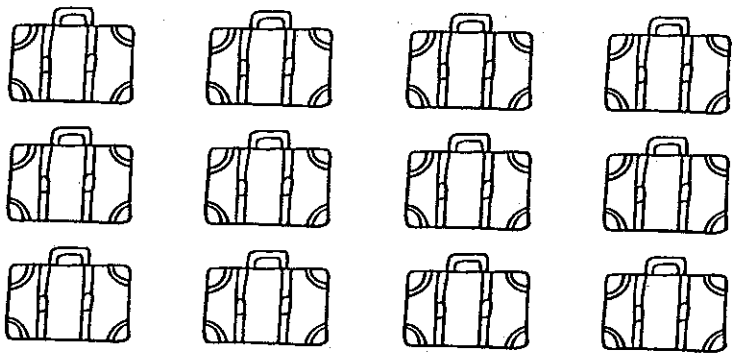
27.



_____ × _____ = _____ _____ ÷ _____ = _____

_____ × _____ = _____ _____ ÷ _____ = _____

28.



_____ × _____ = _____ _____ ÷ _____ = _____

_____ × _____ = _____ _____ ÷ _____ = _____

Solve the following story problems. Show your work in the space below.

29. Mom buys 6 bags of apples. There are 5 apples in each bag. How many apples are there altogether?

There are _____ apples altogether.

30. Sam spends $10 every week. How much does he spend in 8 weeks?

Sam spends $_____ in 8 weeks.

31. Leyla bought 4 meters of fabric. Each meter cost $7. How much did Leyla spend altogether?

Leyla spent $_____ altogether.

32. Dad sews 15 buttons on 3 shirts. How many buttons are there on each shirt?

There are _____ buttons on each shirt.

33. Alicia packs 10 packages of crackers into each bag. If there are 100 packages of crackers, how many bags does Alicia need?

Alicia needs _____ bags.

34. Maggy saves $5 every month. How much will she save in 10 months?

Maggy will save $_____ in 10 months.