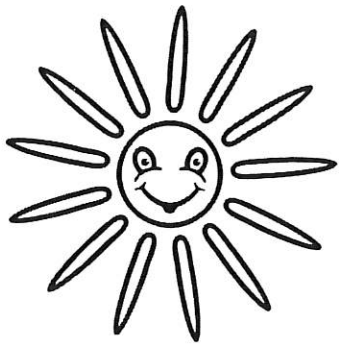
Grade 6



Summer Math 2024

Name: _____

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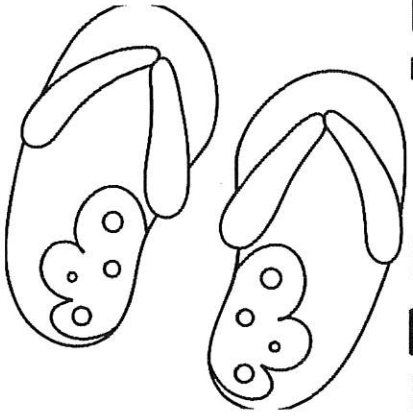
Ordering Numbers



Directions: Write the numbers in order from least to greatest.

4.291	4.295	4.627	4.023

_____

2.779	2.6003	2.098	2.146

_____

19.071	19.08	19.1	19.01

_____

254.9	25.4	2,548	2.085

_____

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Name: _____

Money Word Problems

Directions: Solve each problem.

Trevor bought 3 donuts for .79 each and a drink for .89. How much change did he get if he paid with $5.00?

_____

Cookies were 3 for .98. Kalyn bought 9. He had a $10 bill. How much did he have left?

_____

Stephen bought tickets for the carnival. They were 10 for $9. He needed 4 to go on a ride. If he wanted to go on 5 rides, how many did he need to buy? How much did he spend?

_____

Rickie had $20 to spend at the movies. He bought a ticket for $7.25. His popcorn was $4.19 and his drink was $3.74. How much did he have left for candy?

_____

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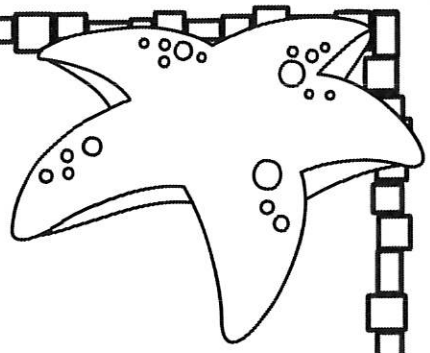
Name: _____

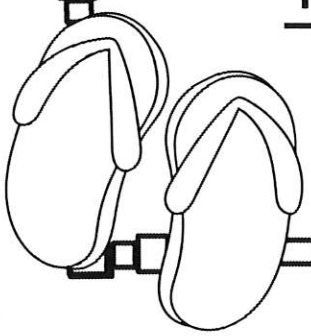
Addition & Subtraction of Decimals



3.486	8.365	5.703
+6.322	-4.835	+6.843

37.457	47.756	578.246
-24.846	+24.757	-244.255

2.5	78.2	45.07
7.4	67.9	37.76
+4.8	+24.4	+21.83



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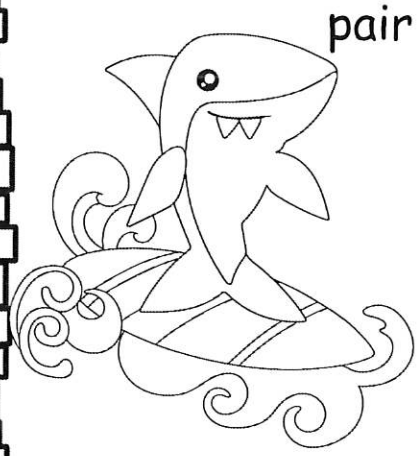
Adding & Subtracting with Unlike Denominators

Directions:
Find a common denominator for each pair of fractions then add or subtract.



$\frac{2}{9} + \frac{1}{2} =$

$\frac{1}{10} + \frac{3}{4} =$

$\frac{7}{10} - \frac{1}{8} =$

$\frac{1}{2} + \frac{2}{9} =$

$\frac{6}{9} - \frac{3}{10} =$

$\frac{3}{8} - \frac{1}{6} =$

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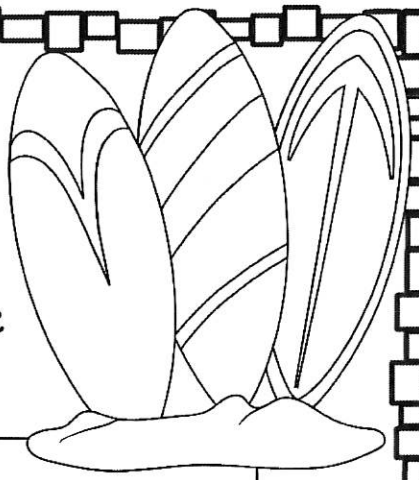
Rounding Numbers



Directions: Round each number to the place of the underlined digit.

42.0<u>4</u>8	
<u>8</u>,205	
48,<u>0</u>18	
72.3<u>0</u>5	
<u>5</u>7.18	
2<u>5</u>.88	
3<u>1</u>8.46	
87,0<u>6</u>7	
8,327.<u>4</u>72	
235,075.<u>2</u>05	

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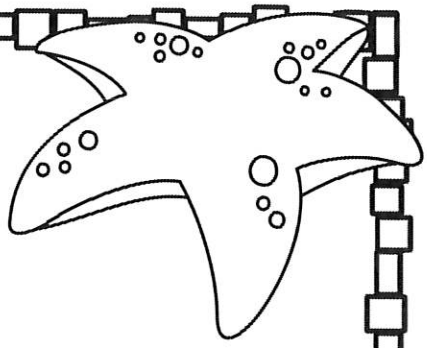
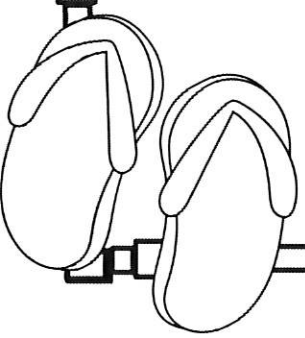


Multiplying Bigger Numbers

27 X 28	64 X 33	49 X 17
473 X 19	791 X 86	921 X 45
537 X 24	246 X 72	981 X 26



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Write each improper fraction as a whole number or mixed number in simplest form.

$\frac{24}{14}$ =

$\frac{66}{20}$ =

$\frac{30}{20}$ =

$\frac{12}{5}$ =

$\frac{47}{9}$ =

$\frac{52}{7}$ =

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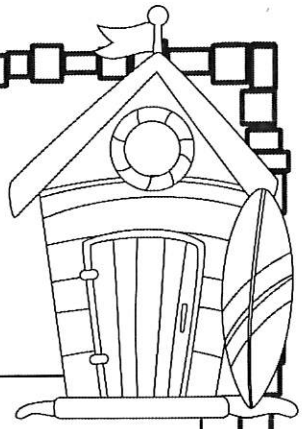
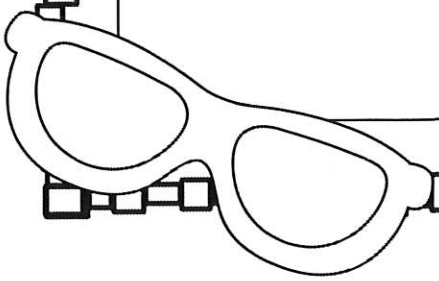
Name: _____

2-Digit Quotients



Directions: Write the answer to each problem.
You might need to rewrite the problem first.

413 ÷ 14 =	768 ÷ 35 =
942 ÷ 45 =	503 ÷ 26 =
401 ÷ 19 =	634 ÷ 29 =



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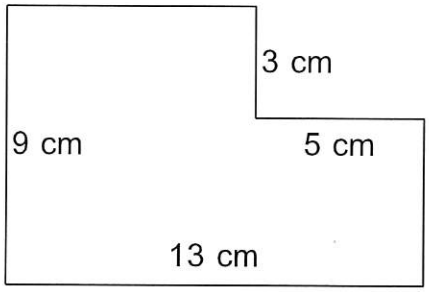
Rectangular shapes - area and perimeter (metric)

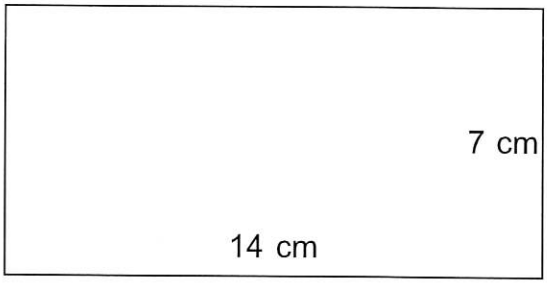
Grade 4 Geometry Worksheet

Find the perimeter and area of each rectangular shape.

1.



2.



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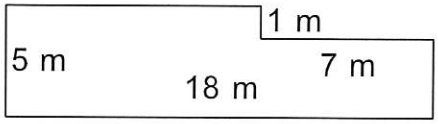

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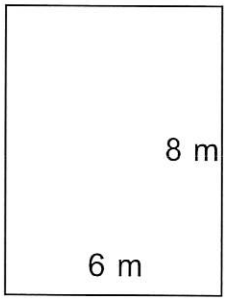

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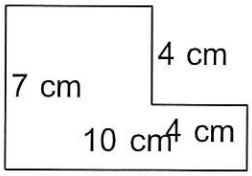

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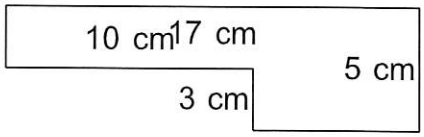

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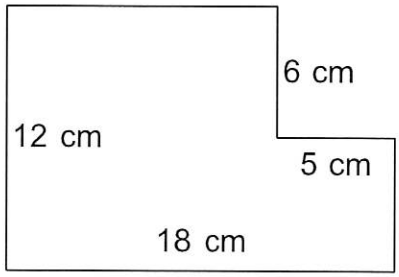

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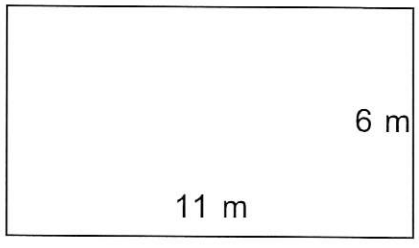

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4. There are 18 suites altogether in the hotel, how many suites are there on each floor if each floor has the same floorplan?

5. Each suite has 3 beds and there is a bed side table beside each side of each bed. How many bed side tables are there in all the suites?

6. Write an equation using "x" and then solve the equation. The rate charged for a standard room is $250 dollars. A couple stayed in a standard room for x nights and their total room charge is $750.

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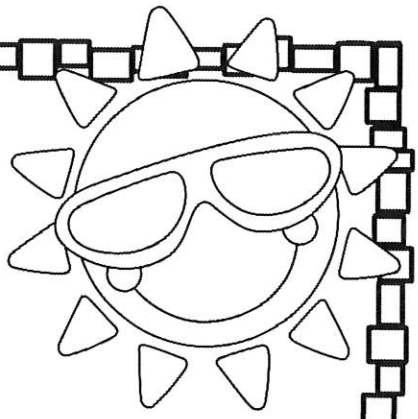
Multi-Step Word Problems

Solving word problems.



Kendra has a ten-dollar bill, a twenty-dollar bill and a five-dollar bill. She bought a shirt for $18.49. How much money does she have left?

Tyson is going to the movies. He has two five-dollar bills and a ten-dollar bill. His ticket is $7.25. He buys a popcorn for $4.50 and a drink for $3.75. How much money does he have left?

Lexie earned $20 mowing her yard and $15 mowing her neighbor's yard. She is saving money to buy a new game that costs $42.99. How much more money does she need to earn?

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Word Problem Practice

Karen was at the party for 3 hours. She skated for $\frac{1}{3}$ of the party. How long did she skate?

Nathan collected 792 books to donate to the school. $\frac{2}{3}$ of the books were fiction and $\frac{1}{3}$ of the books with informational text. How many of each did he donate?

Hadley donated 930 coins to the fundraiser. $\frac{1}{5}$ of the coins were nickels and $\frac{4}{5}$ of the coins were pennies. How many of each did she donate?

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Addition and subtraction word problems

Grade 4 Word Problems Worksheet

Read and answer each question:

The table shows the number of people visiting an art museum over 3 months.

	January	February	March
Child	28	34	56
Adult	59	?	55
Senior	15	22	?
Total	?	139	?

1. What is the total number of people that visited the art museum in January?

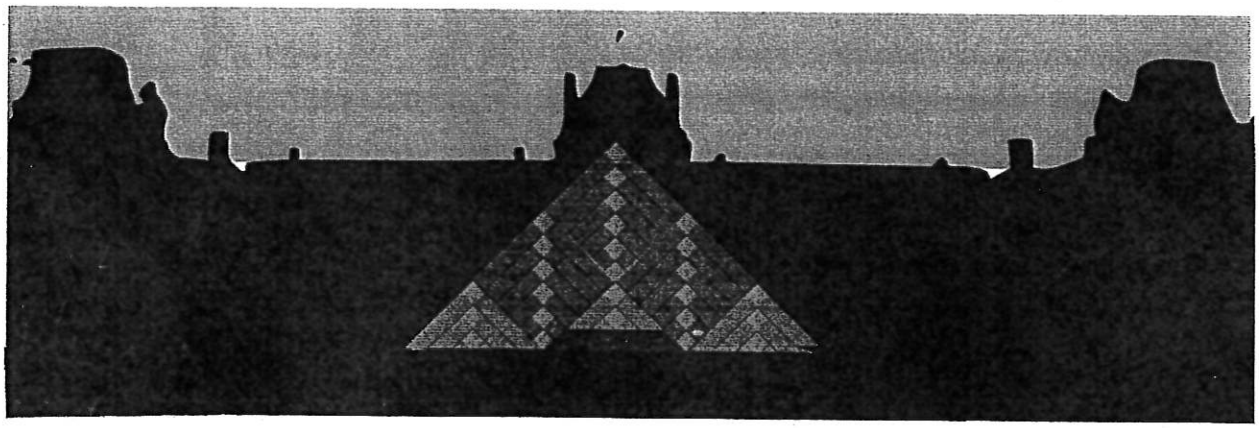
2. Compared to January, how many more children go to the museum in February?

3. How many adults visited the museum in February?

4. 16 more seniors visited in March than the number that visited in January and February combined. How many seniors visited the museum in March?

5. Which month had the highest number of visitors?

6. Write an equation using "x" and then solve the equation.
"In February, there were x museum pass holders admitted to the museum. 68 of the visitors did not have a museum pass."



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Mixed operations word problems

Grade 4 Word Problems Worksheets

Read and answer each question:

There are 4 doctors working in a clinic. Each doctor has 2 nurses assisting them. There are two receptionists, Jay and Molly, working at the reception.

1. How many people are working in the clinic?

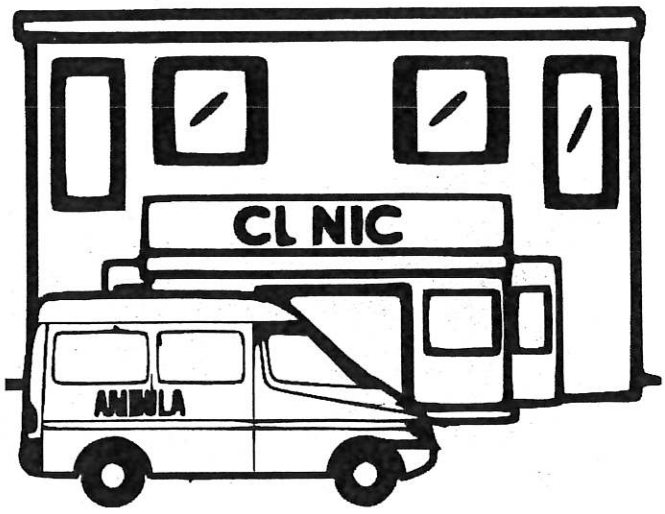
2. On Monday, 23 patients made appointments with each doctor. However, 6 of the patients did not show up. How many patients visited the clinic on Monday?

3. On Tuesday, Jay answered 45 phone calls and Molly answered 12 more calls than Jay did. How many calls were answered in total?

4. On Wednesday, a doctor called in sick. The two nurses and Jay called 36 patients to reschedule their appointments. How many calls did they each make?

5. Among the calls they made, 13 of the patients decided to cancel their appointments and the rest decided to postpone their appointments. How many appointments were postponed?

6. Write an equation using "x" and then solve the equation.
For each patient they see, each doctor can get paid $80. If there are x patients on that day, the doctor will be paid $1760.



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Subtracting from whole thousands

Grade 4 Subtraction Worksheet

Find the difference.

1. 5,000 - 195 = _____
2. 6,000 - 303 = _____
3. 3,000 - 507 = _____
4. 8,000 - 783 = _____
5. 9,000 - 392 = _____
6. 2,000 - 716 = _____
7. 8,000 - 283 = _____
8. 1,000 - 120 = _____
9. 4,000 - 419 = _____
10. 6,000 - 152 = _____
11. 5,000 - 632 = _____
12. 7,000 - 912 = _____
13. 7,000 - 824 = _____
14. 4,000 - 891 = _____
15. 1,000 - 836 = _____
16. 6,000 - 454 = _____
17. 1,000 - 980 = _____
18. 4,000 - 387 = _____
19. 3,000 - 381 = _____
20. 6,000 - 122 = _____

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Addition and subtraction word problems

Grade 4 Word Problems Worksheet

Read and answer each question:

The table shows the number of people visiting an art museum over 3 months.

	January	February	March
Child	28	34	56
Adult	59	?	55
Senior	15	22	?
Total	?	139	?

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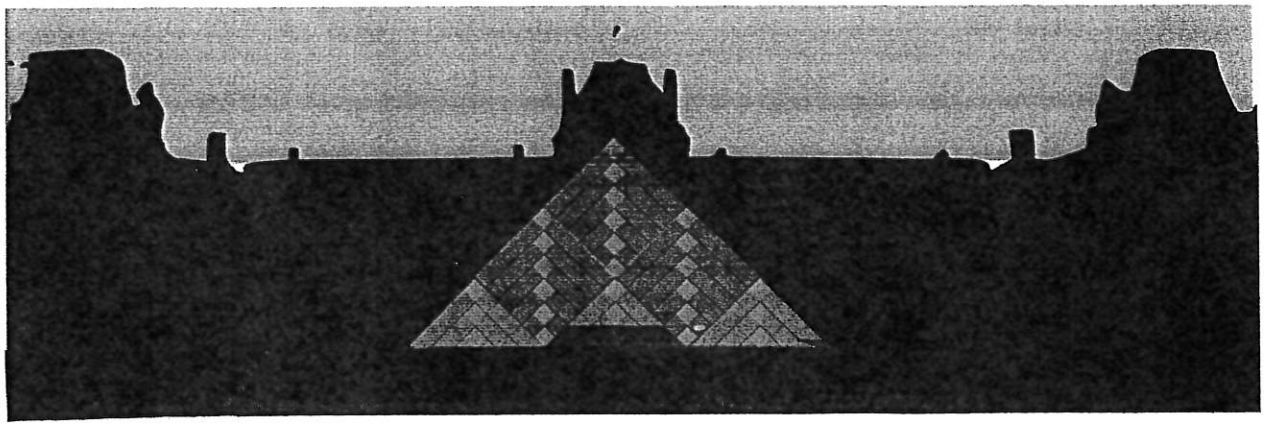
"In February, there were x museum pass holders admitted to the museum. 68 of the visitors did not have a museum pass."



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Long Division with remainders within 1-100

Grade 4 Division Worksheet

Find the quotient with remainder.

1. $5\overline{)98}$

2. $9\overline{)58}$

3. $7\overline{)93}$

4. $4\overline{)38}$

5. $2\overline{)68}$

6. $7\overline{)87}$

7. $4\overline{)57}$

8. $8\overline{)29}$

9. $2\overline{)72}$

10. $4\overline{)55}$

11. $5\overline{)99}$

12. $7\overline{)82}$

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Multiplication and division word problems

Grade 4 Word Problems Worksheets

Read and answer each question:

A hotel has 7 floors. The lobby, restaurant and gym are located on the ground floor. The guestrooms are on 1st to 6th floors.

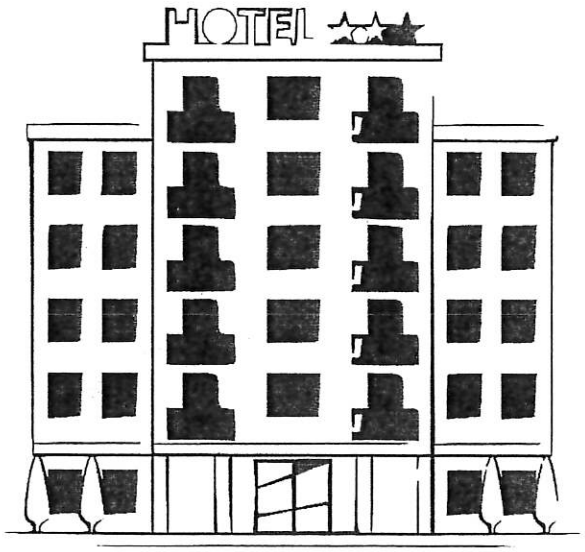
1. If there are 35 standard rooms on each floor, how many standard rooms are there?

2. There are 4 housekeepers working on each floor. One room only requires one housekeeper. If the housekeepers try distributing the work equally, how many housekeepers need to clean more rooms that the others?

3. If each standard room can fit 2 guests, what is the maximum number of guests that all the standard rooms can accommodate?

4. There are 18 suites altogether in the hotel, how many suites are there on each floor if each floor has the same floorplan?

5. Each suite has 3 beds and there is a bed side table beside each side of each bed. How many bed side tables are there in all the suites?



6. Write an equation using "x" and then solve the equation.
The rate charged for a standard room is $250 dollars. A couple stayed in a standard room for x nights and their total room charge is $750.

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Mixed word problems

Grade 4 Word Problems Worksheet

Liam was sick last Friday.

1. He usually gets up at 7:35 a.m. Since he was sick, he got up 1 hour and 35 minutes later than usual. What did he get up?

2. He has some pain killers at home for his headache and fever. There are 36 tablets left in the bottle and he is supposed to take 2 tablets at a time, 4 times a day. How many tablets will be left after one day? How many days before he runs out of tablets?

3. Liam went to the doctor. There are 8 patients waiting. The nurse told him it will be his turn after 2 hours. How many minutes would the doctor use to see each patient?

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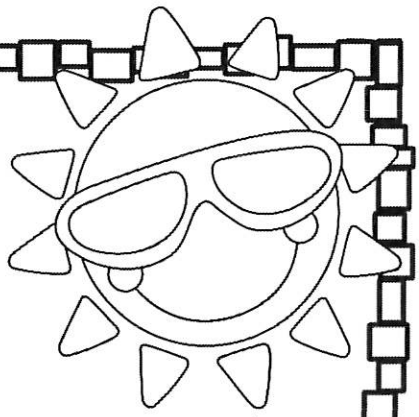
Multi-Step Word Problems

Solving word problems.



Tyla had 24 pieces of drawing paper. Her sister used 2 pages and her brother used 4 pages. She split the rest of the pages with her 2 friends. How many page did each of them get?

Nathan has a bag of candies to share with his friends. There are 34 pieces in the bag. He is going to give an equal number to each of his 5 friends. He will give the rest to his little sister. How many pieces will his sister get?

Lilly had $10. She spent $4 on lunch and $2 on ice cream. Her mom gave her $3 the next day. How much money does she have now?

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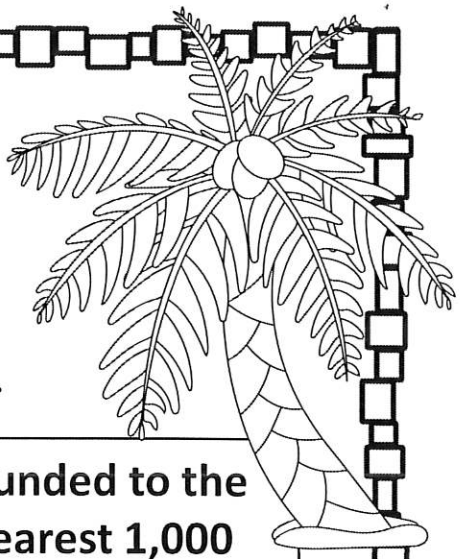
Rounding Numbers



Directions: Round each number to the nearest 100 and then the nearest 1,000.

	rounded to the nearest 100	rounded to the nearest 1,000
1,318		
2,323		
6,651		
4,237		
8,938		
3,145		
9,572		
6,863		
7,480		

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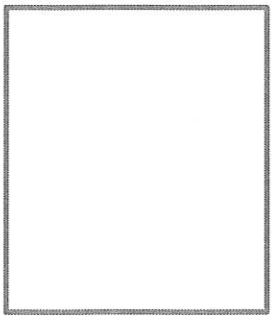
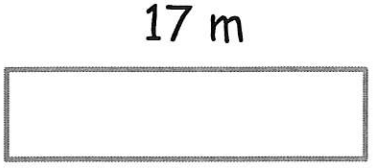
Name: _____

Finding the Area

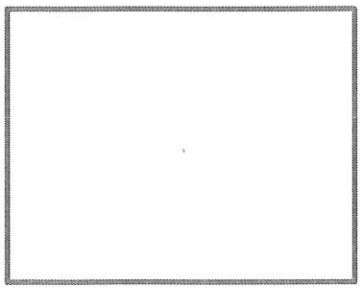
Directions: Multiply the length by width to find the area.



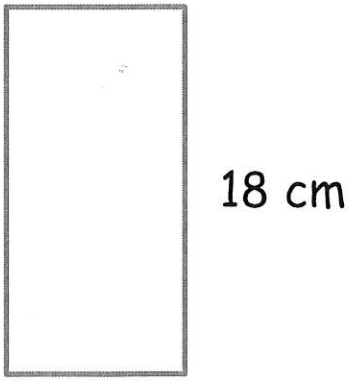
The area is: _____



The area is: _____



The area is: _____



The area is: _____

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