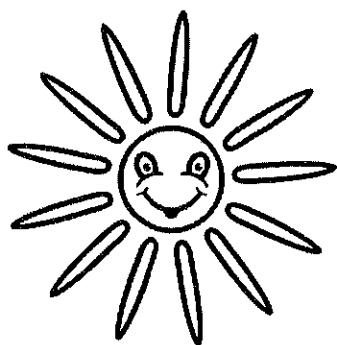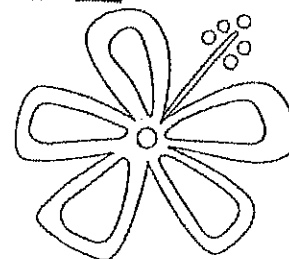# Grade 5

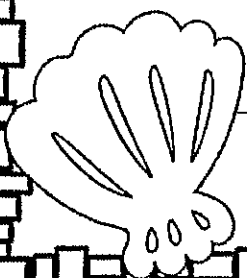# Summer Math
2024

Name: _____

Name: _____

Patterns

Directions: Write the next three numbers and the rule for each pattern.

76, 71, 66, 61, ____, ____, ____

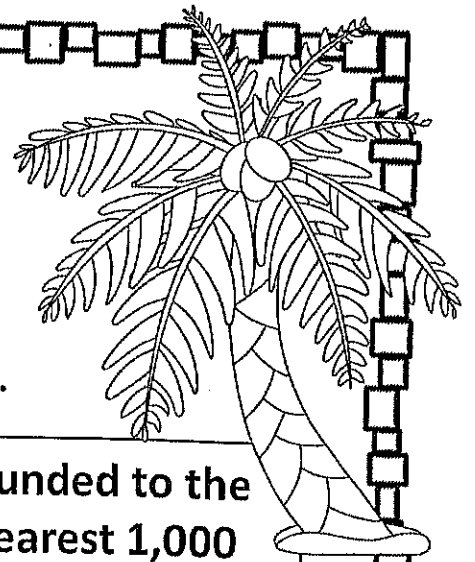6, 12, 24, 48, ____, ____, ____

98, 97, 95, 92, 88, ____, ____, ____

40, 8, 80, 16, 160, 32, ____, ____, ____

Name: _____

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		

Ordering numbers up to 1 million

Grade 4 Place Value Worksheet

Write the numbers from smallest to largest.

1. 377,276 _____
   202,758 _____
   552,037 _____
   712,334 _____

2. 720,334 _____
   774,713 _____
   391,045 _____
   113,880 _____

3. 658,869 _____
   153,364 _____
   233,493 _____
   630,181 _____

4. 302,368 _____
   346,509 _____
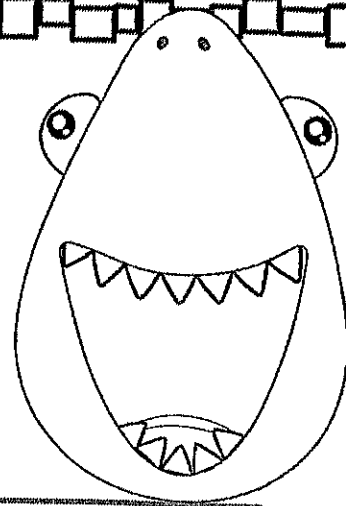   430,864 _____
   184,680 _____

5. 50,583 _____
   531,602 _____
   712,841 _____
   255,923 _____

6. 776,335 _____
   292,042 _____
   235,498 _____
   14,777 _____

Ordering Decimals

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

1.36, 1.3, 1.63, 1.03

_____

0.3, 0.13, 0.19, 0.31

_____

6.46, 6.41, 4.06, 4.6

_____

0.42, 3.74, 4.2, 3.47

_____

Comparing decimals

Grade 4 Decimals Worksheet

Compare the numbers. Add: > or < or =

1. 75.8 __ 0.09

2. 5.03 __ 22.8

3. 0.37 __ 8.4

4. 0.3 __ 3.68

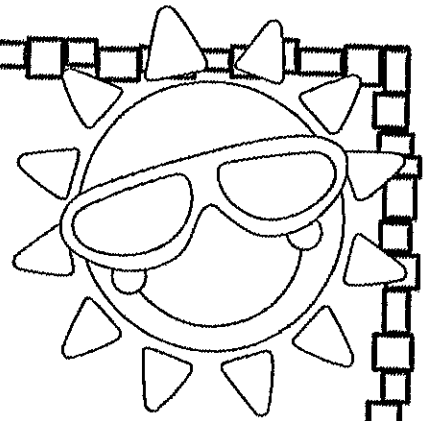5. 0.03 __ 0.5

6. 40.8 __ 0.71

7. 42.7 __ 36.3

8. 3.74 __ 96.9

9. 0.07 __ 1.4

10. 7.1 __ 95.1

11. 0.07 __ 5.09

12. 0.6 __ 7.07

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?

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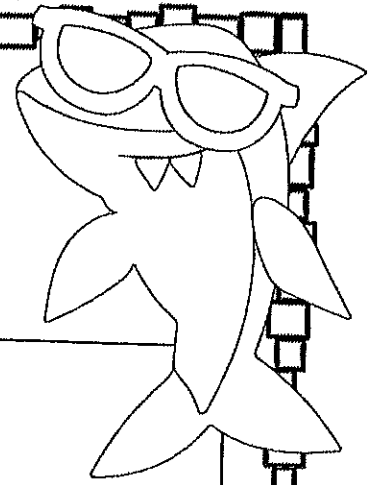
3. Liam went to the doctor. There are 8 patients waiting. The nurse told him it will be his turn after 2 hours. How many minutes would the doctor use to see each patient?
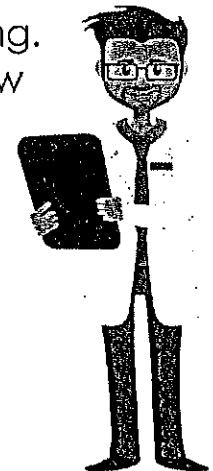
Division Practice

Directions: Write the answer to each problem.
Rewrite the problems first.

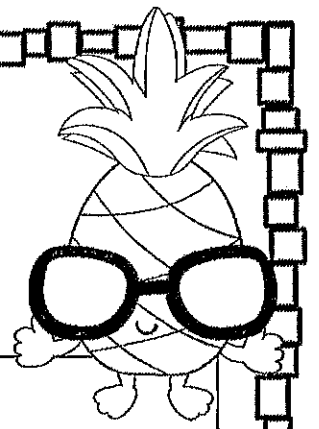|	
8,437 ÷ 3 =	2,076 ÷ 3 =
8,179 ÷ 8 =	4,236 ÷ 2 =
9,479 ÷ 5 =	6671 ÷ 2 =
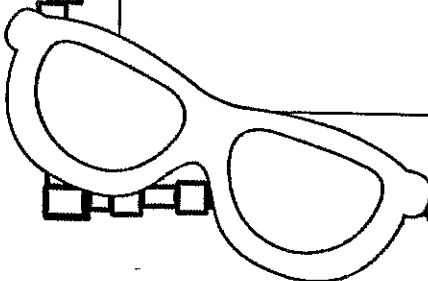
Multiplication Practice

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

15 x 26 =	24 x 13 =
62 x 72 =	28 x 67 =
92 x 17 =	73 x 84 =
94 x 35 =	28 x 83 =
72 x 24 =	83 x 18 =

Multiplication and division word problems

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.

Equivalent Fractions

Name: _____

<u>Directions</u>: Write the equivalent fractions.

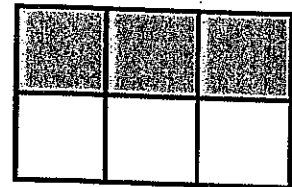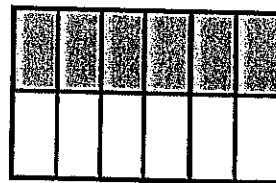_____ = _____   _____ = _____

_____ = _____   _____ = _____

_____ = _____   _____ = _____
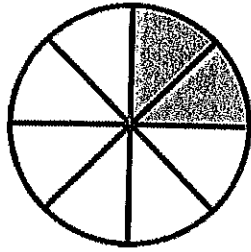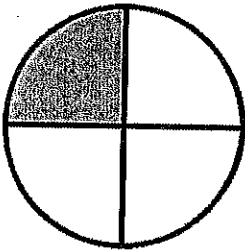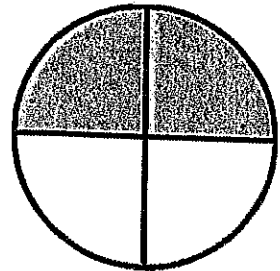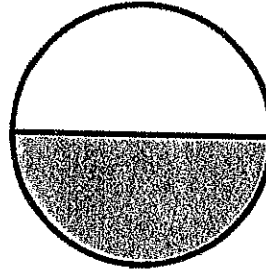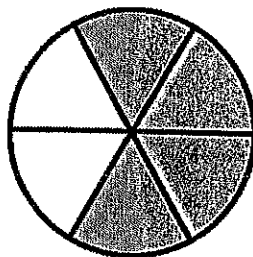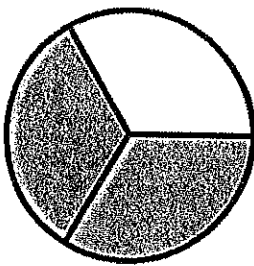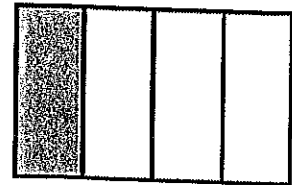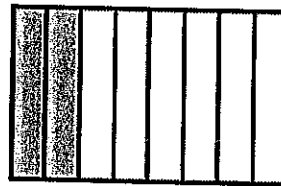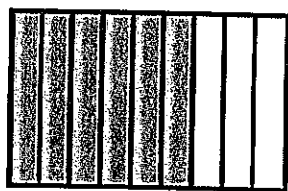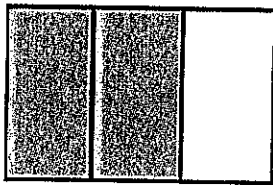
Adding fractions (like denominators)

Grade 4 Fractions Worksheet

Find the sum.

1. $\frac{7}{11} + \frac{2}{11} =$ _____

2. $\frac{3}{7} + \frac{2}{7} =$ _____

3. $\frac{2}{9} + \frac{3}{9} =$ _____

4. $\frac{2}{7} + \frac{6}{7} =$ _____

5. $\frac{19}{20} + \frac{19}{20} =$ _____

6. $\frac{24}{25} + \frac{20}{25} =$ _____

7. $\frac{1}{4} + \frac{1}{4} =$ _____

8. $\frac{5}{100} + \frac{9}{100} =$ _____

9. $\frac{5}{8} + \frac{7}{8} =$ _____

10. $\frac{11}{12} + \frac{11}{12} =$ _____

11. $\frac{2}{6} + \frac{5}{6} =$ _____

12. $\frac{1}{2} + \frac{1}{2} =$ _____

13. $\frac{2}{15} + \frac{3}{15} =$ _____

14. $\frac{4}{14} + \frac{6}{14} =$ _____

15. $\frac{11}{13} + \frac{12}{13} =$ _____

16. $\frac{3}{5} + \frac{4}{5} =$ _____

17. $\frac{7}{11} + \frac{5}{11} =$ _____

18. $\frac{1}{3} + \frac{1}{3} =$ _____

19. $\frac{2}{16} + \frac{13}{16} =$ _____

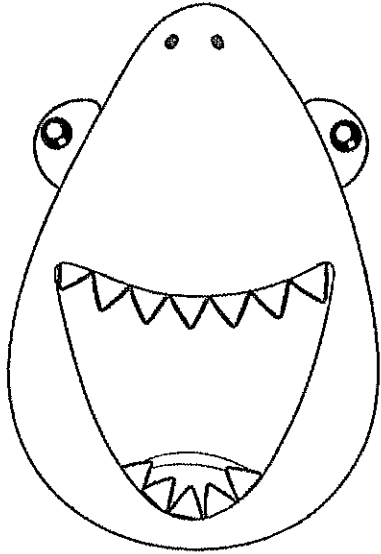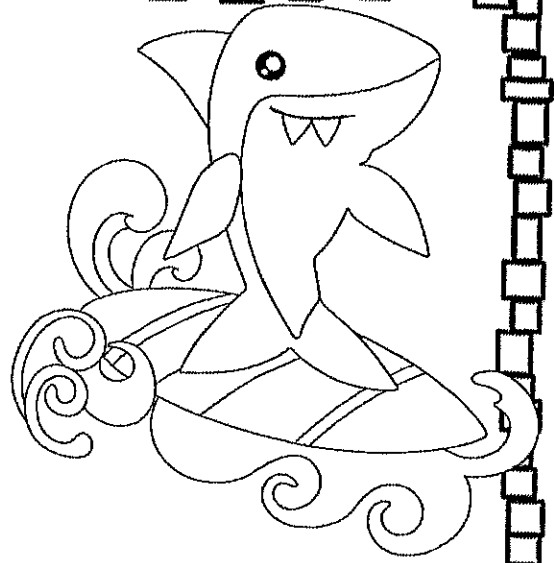20. $\frac{8}{10} + \frac{5}{10} =$ _____

21. $\frac{6}{50} + \frac{15}{50} =$ _____

Fractions & Decimals

$\frac{2}{10}$ =
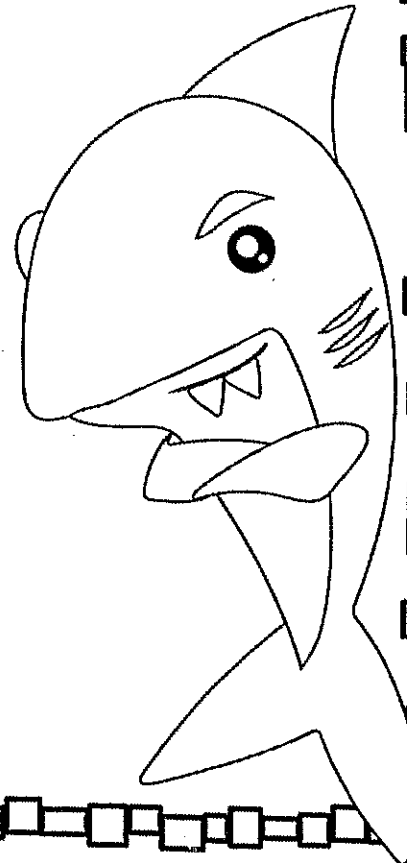
$\frac{4}{10}$ =

$\frac{8}{10}$ =

$\frac{9}{10}$ =

$\frac{17}{100}$ =

$6 \frac{30}{100}$ =

Convert decimals to fractions.

Grade 4 Fractions Worksheet

Convert.

1. 0.4 = _____

2. 0.82 = _____

3. 0.2 = _____

4. 0.27 = _____

5. 0.37 = _____

6. 0.8 = _____

7. 0.67 = _____

8. 0.3 = _____

9. 0.11 = _____

10. 0.7 = _____

11. 0.98 = _____

12. 0.91 = _____

13. 0.26 = _____
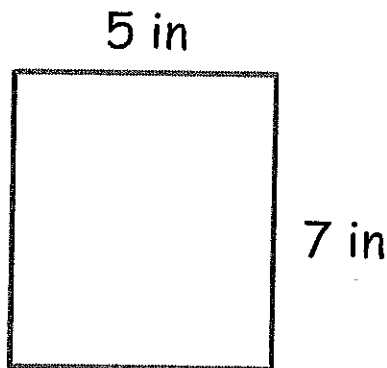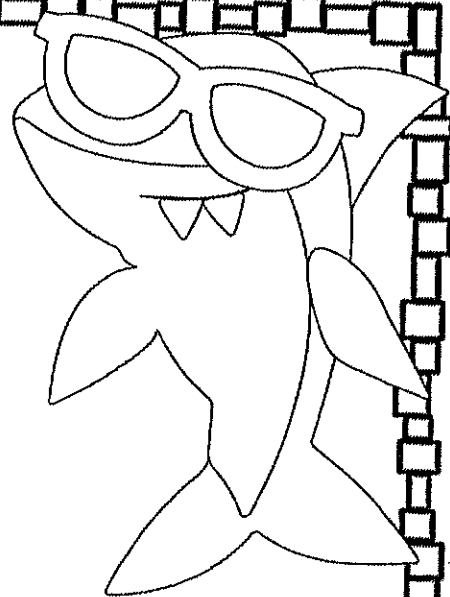
14. 0.1 = _____

15. 0.96 = _____

16. 0.13 = _____

17. 0.6 = _____
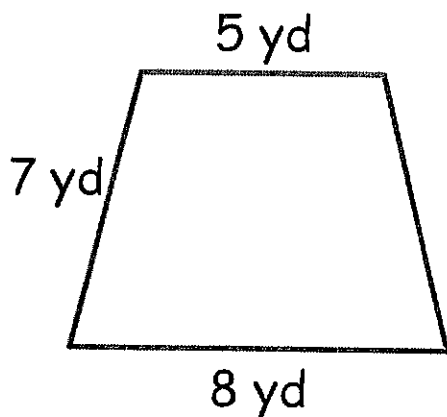
18. 0.21 = _____

Name: _____

Finding the perimeter.

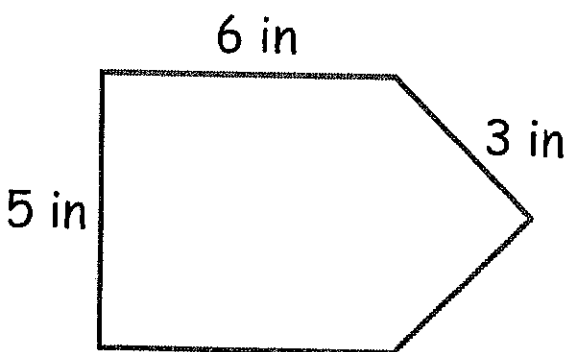**Directions:** Add the length of the sides to find the perimeter of each shape.

5 in

7 in

The perimeter is:

_____

7 ft   16 ft

8 ft

The perimeter is:

_____

5 yd
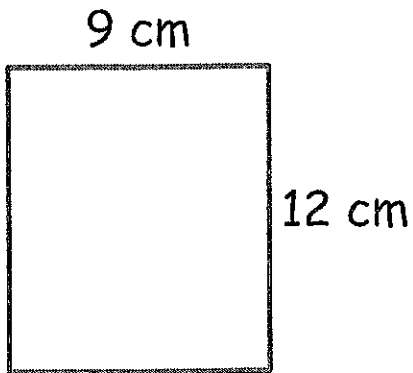
7 yd

8 yd

The perimeter is:
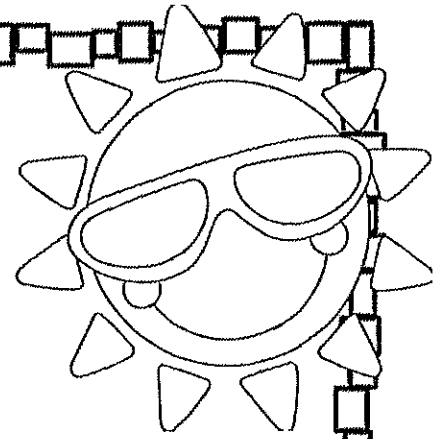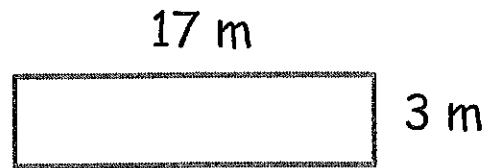
_____

6 in

5 in   3 in
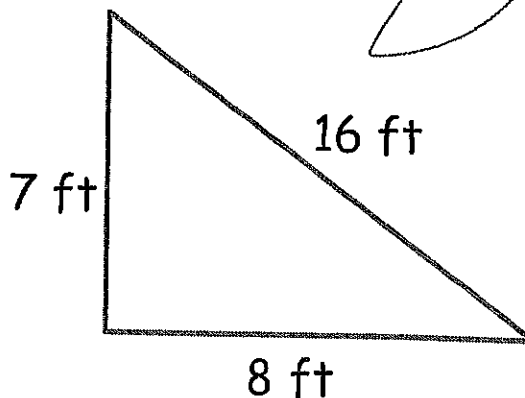
The perimeter is:

_____

Name: _____

Finding the Area

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

9 cm

12 cm

The area is:

_____

17 m

3 m

The area is:

_____

12 mm

7 mm

The area is:

_____

8 cm

18 cm
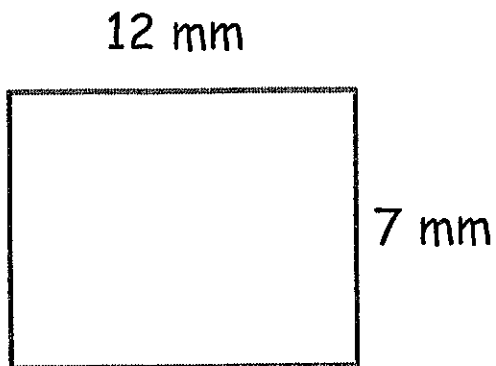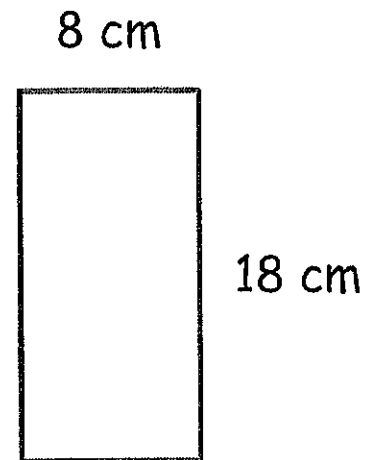
The area is:

_____

Rectangular shapes - area and perimeter (metric)
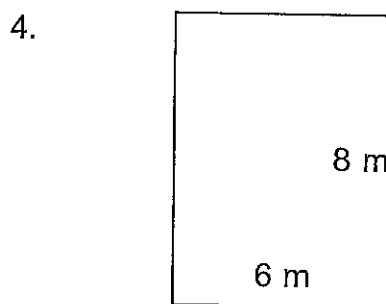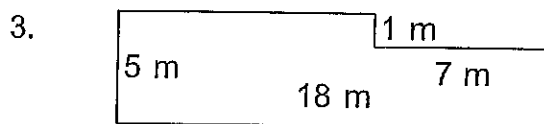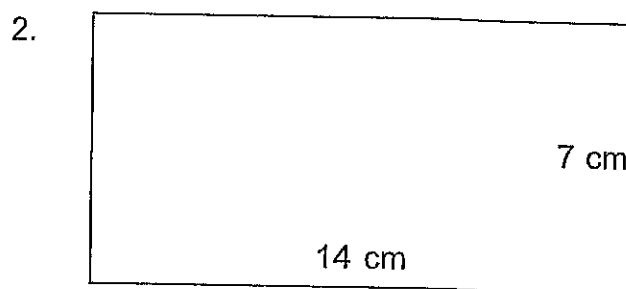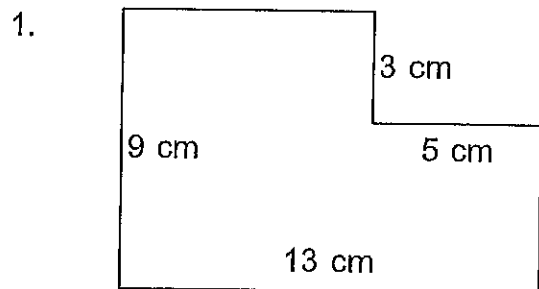
Grade 4 Geometry Worksheet

Find the perimeter and area of each rectangular shape.

1.

3 cm

9 cm

5 cm

13 cm

_____

2.

7 cm

14 cm

_____

3.

1 m

5 m

18 m

7 m

_____

4.

8 m

6 m

_____

5.

4 cm

7 cm

10 cm 4 cm

_____

6.

10 cm 7 cm

5 cm

3 cm

_____

7.

6 cm

12 cm

5 cm

18 cm

_____

8.

6 m

11 m

_____
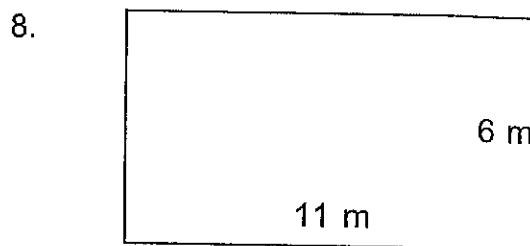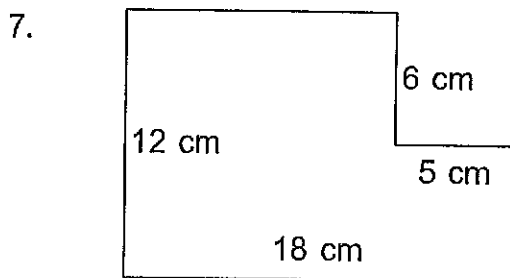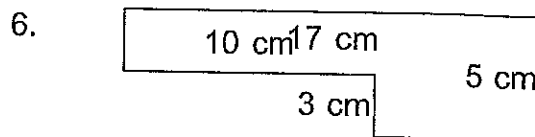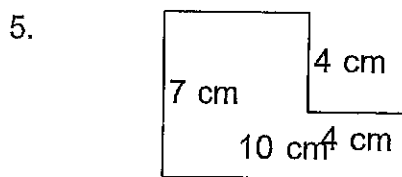
Factoring numbers between 4 and 100

Grade 4 Factoring Worksheet

Example: The factors of 18 are 1, 2, 3, 6, 9 and 18

List the factors for each number.

1. 86 _____

2. 7   _____

3. 12 _____

4. 77 _____

5. 38 _____

6. 52 _____

7. 9   _____

8. 73 _____

9. 98 _____

10. 24 _____

11. 6   _____

12. 80 _____