Grade 5 Math

~Math practice packet (attached)

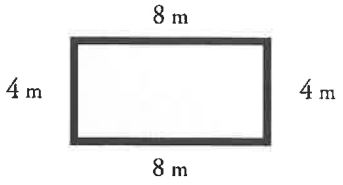
~1 hour of **IXL MATH (Grade 5)** ***per week*** from the *Fraction Unit* and *Number Sense Unit.*

Name: _____

Perimeter

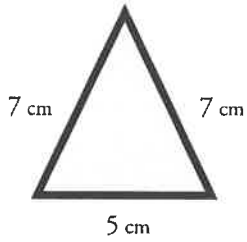
Find the perimeter of each polygon.

a.



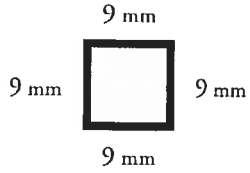
Perimeter = _____

b.



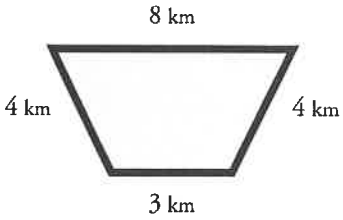
Perimeter = _____

c.



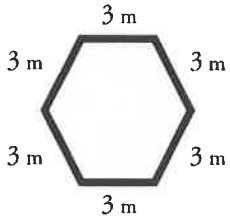
Perimeter = _____

d.



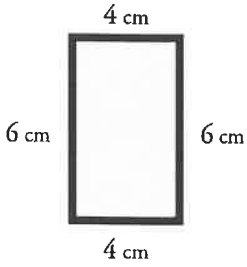
Perimeter = _____

e.



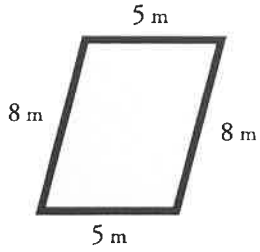
Perimeter = _____

f.



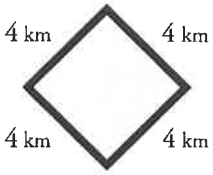
Perimeter = _____

g.



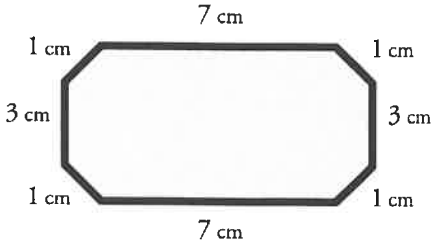
Perimeter = _____

h.



Perimeter = _____

i.



Perimeter = _____

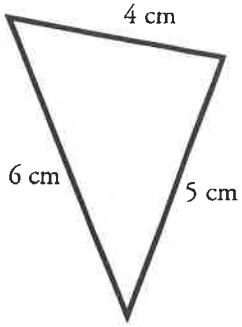
Bonus Box: Write the names of the polygons pictured above.

Name: _____

Perimeter of a Polygon

Find the perimeter of each shape by adding the lengths of each side. Be sure to include the units in your answer.

a.



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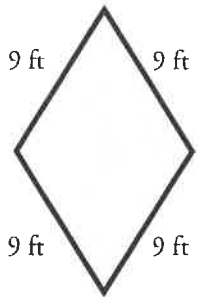
b.



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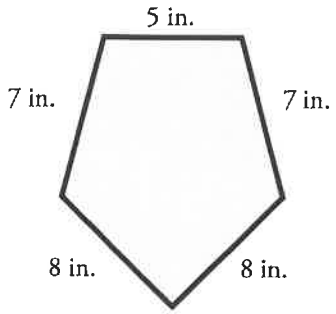
c.



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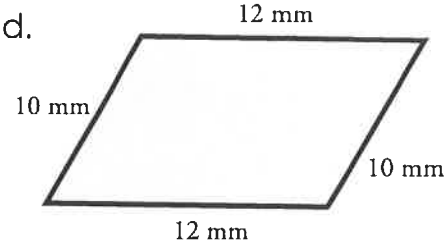
d.



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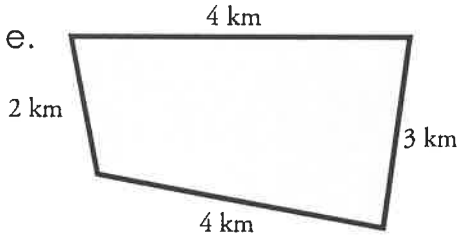
e.



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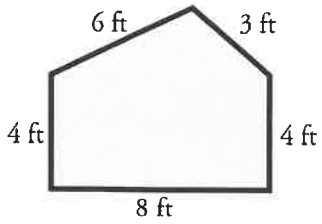
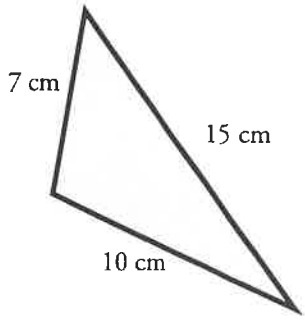
f.



_____

g.



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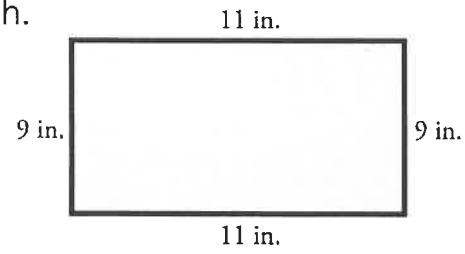
h.



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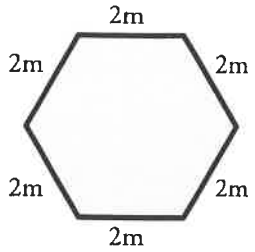
i.



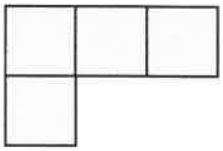
_____

Name: _____

Area

Area is the number of **square units** that will fit inside a figure.

The area of this figure is **4 square units**.



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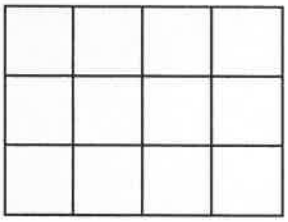
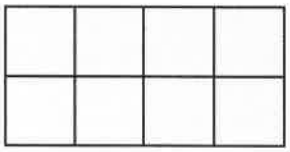
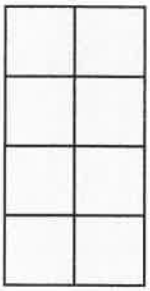
① 

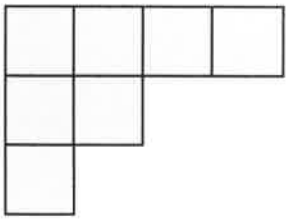
Area = _____

② 

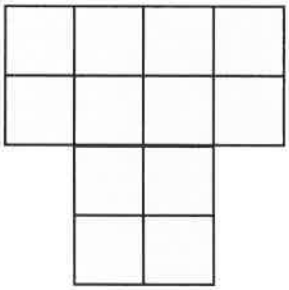
Area = _____

③ 

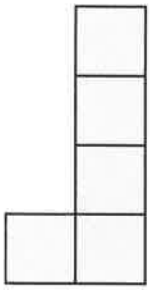
Area = _____

④ 

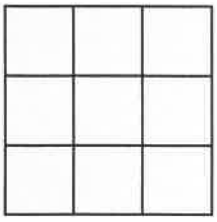
Area = _____

⑤ 

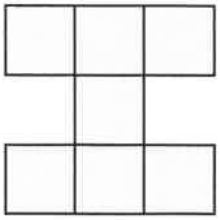
Area = _____

⑥ 

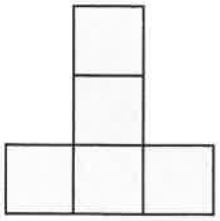
Area = _____

⑦ 

Area = _____

⑧ 

Area = _____

⑨ 

Area = _____

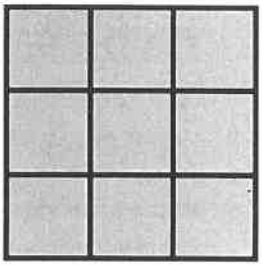
Name: _____

Area of a Shape

Find the area of each shape by counting the **square centimeters (cm^2)**.

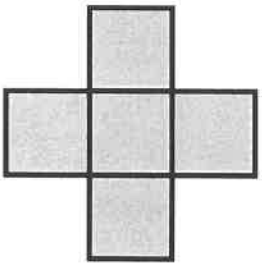
 = 1 cm^2

a.



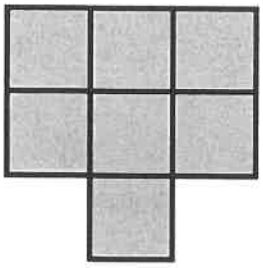
_____

b.



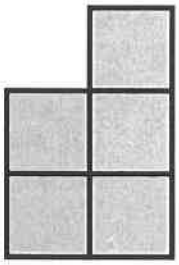
_____

c.



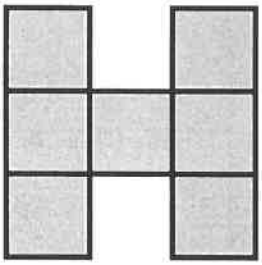
_____

d.



_____

e.



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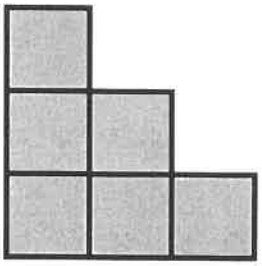
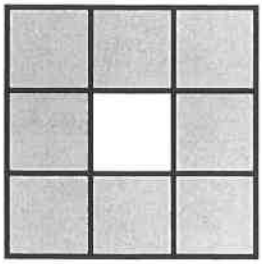
f.



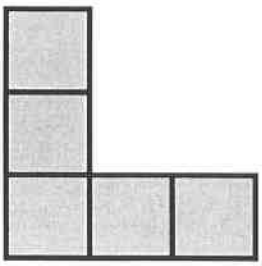
_____

g.



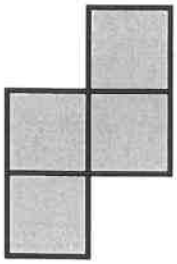
_____

h.



_____

i.

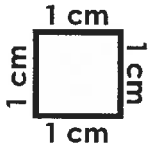


_____

Name: _____

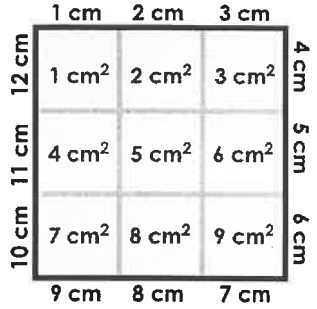
Area and Perimeter

Find the area (A) and perimeter (P) of each shape.



= 1 cm²

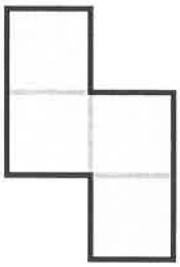
a.



$A =$ 9 cm²

$P =$ 12 cm

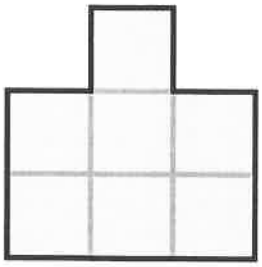
b.



$A =$ _____

$P =$ _____

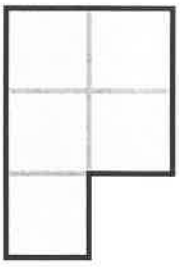
c.



$A =$ _____

$P =$ _____

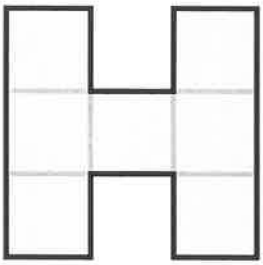
d.



$A =$ _____

$P =$ _____

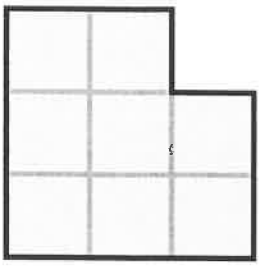
e.



$A =$ _____

$P =$ _____

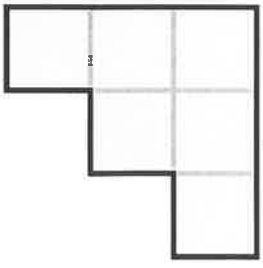
f.



$A =$ _____

$P =$ _____

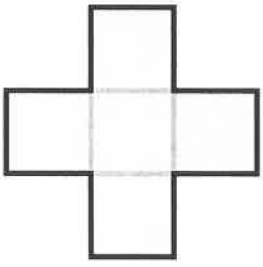
g.



$A =$ _____

$P =$ _____

h.



$A =$ _____

$P =$ _____

i.

$A =$ _____

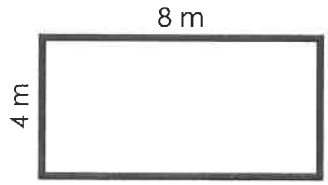
$P =$ _____

Name: _____

Area of a Rectangle

To find the area of a rectangle, multiply the length by the width.

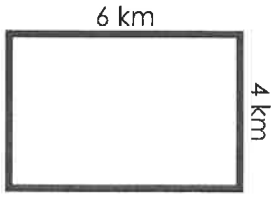
example:



area = 4 m x 8 m = **32 square meters**

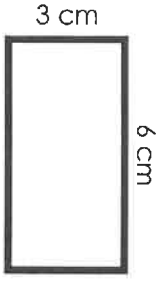
Find the area of each rectangle by multiplying

a.



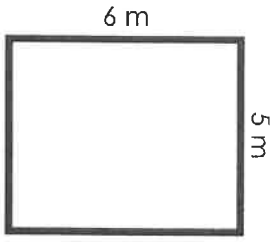
area = _____

b.



area = _____

c.

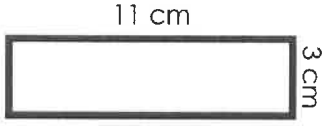


area = _____

d.

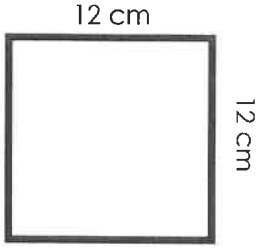
area = _____

e.



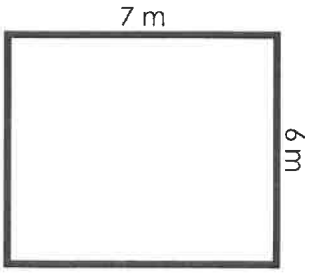
area = _____

f.



area = _____

g.

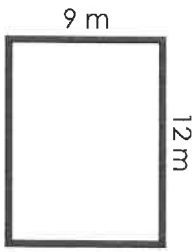


area = _____

h.

area = _____

i.

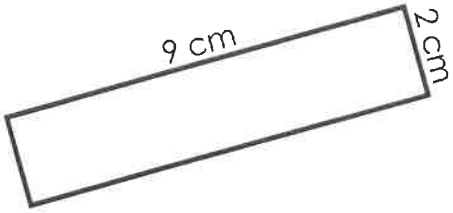


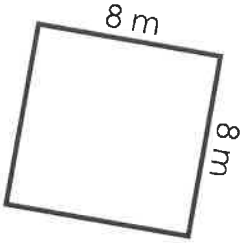
area = _____

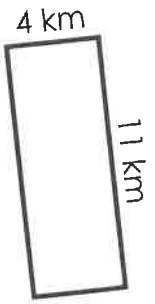
Name: _____

Areas of Rectangles

Find the areas of the rectangles. Be sure to include the units in your answer.

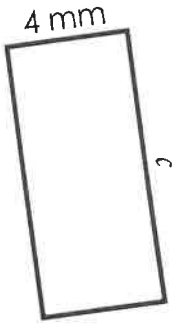


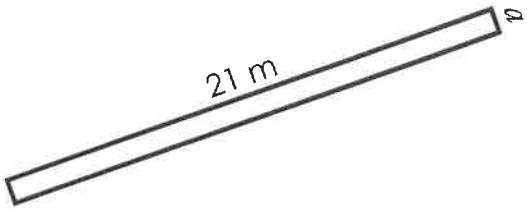


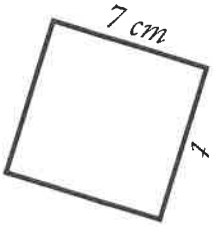


A = _____ A = _____ A = _____

Find the lengths of the unknown sides. Be sure to include the units in your answer.







A = 36 mm² A = 21 m² A = 49 cm²

Side c = _____ Side a = _____ Side t = _____

A rectangle has a width of 20 m and an area of 60 m.
What is the length of the rectangle? _____

A rectangle has an area of 36 mm². All of the sides are the same length.
What is the length of a single side? _____

Name: _____

Area and Perimeter of Rectangles

Find the area and perimeter of each rectangle.

a. 12 cm

5 cm

perimeter = _____

area = _____

b. 9 m

3 m

perimeter = _____

area = _____

c. 11 km

6 km

perimeter = _____

area = _____

d. 12 cm

7 cm

perimeter = _____

area = _____

e. 8 cm

4 cm

perimeter = _____

area = _____

Name: _____

Multiplication Patterns

Write the product for each multiplication problem.

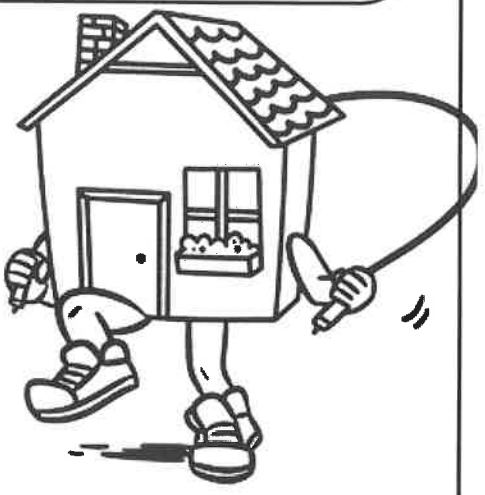
5 x 10 = _____	5 x 6 = _____
5 x 100 = _____	5 x 60 = _____
5 x 1,000 = _____	5 x 600 = _____
5 x 10,000 = _____	5 x 6,000 = _____

3 x 1,000 = _____	4 x 1,000 = _____
6 x 100 = _____	3 x 10,000 = _____
2 x 10 = _____	7 x 1,000 = _____
6 x 40,000 = _____	2 x 200 = _____
1 x 30,000 = _____	4 x 100 = _____
3 x 2,000 = _____	3 x 70 = _____
9 x 9,000 = _____	6 x 30 = _____
2 x 20,000 = _____	4 x 500 = _____

Name: _____

The Animal that Jumps Higher Than a House

Find the products. Then, solve the riddle by matching the letters to the blank lines below.



E 25 x 2	M 32 x 7	I 51 x 8	A 76 x 4			
S 88 x 4	C 19 x 5	A 27 x 5	H 31 x 9	L 91 x 7		
U 33 x 8	N 78 x 3	A 16 x 2	O 40 x 5	A 93 x 9	M 54 x 2	C 87 x 9
N 65 x 3	T 22 x 4	N 43 x 6	S 87 x 8	U 56 x 8	J 43 x 9	Y 65 x 5
P 33 x 6	U 27 x 9	S 37 x 3	E 50 x 5	E 45 x 6	A 24 x 7	B 15 x 6

What animal can jump higher than a house?

135	195	325		304	234	408	108	837	637		
90	50	95	32	448	111	250					
279	200	243	696	270	352		783	168	258	88	
387	264	224	198								

Name: _____

Multiplication

Rewrite each problem vertically and solve.

a. 37 x 4 = _____	**b.** 87 x 6 = _____	**c.** 43 x 5 = _____
d. 92 x 8 = _____	**e.** 71 x 5 = _____	**f.** 20 x 7 = _____
g. 53 x 9 = _____	**h.** 64 x 2 = _____	**i.** 85 x 4 = _____
j. 97 x 6 = _____	**k.** 35 x 8 = _____	**l.** 76 x 5 = _____

Name: _____ **Multiplication: Single Digit by Multiple of 10**

Multiplication

Find the product.

a. 60 x 2 = _____

b. 80 x 3 = _____

c. 50 x 4 = _____

d. 30 x 6 = _____

e. 40 x 7 = _____

f. 20 x 8 = _____

g. 70 x 9 = _____

h. 80 x 9 = _____

i. 60 x 5 = _____

j. 90 x 5 = _____

k. Harper has a bookcase in her room. It has 4 shelves, and there are 20 books on each shelf. How many books does Harper have?

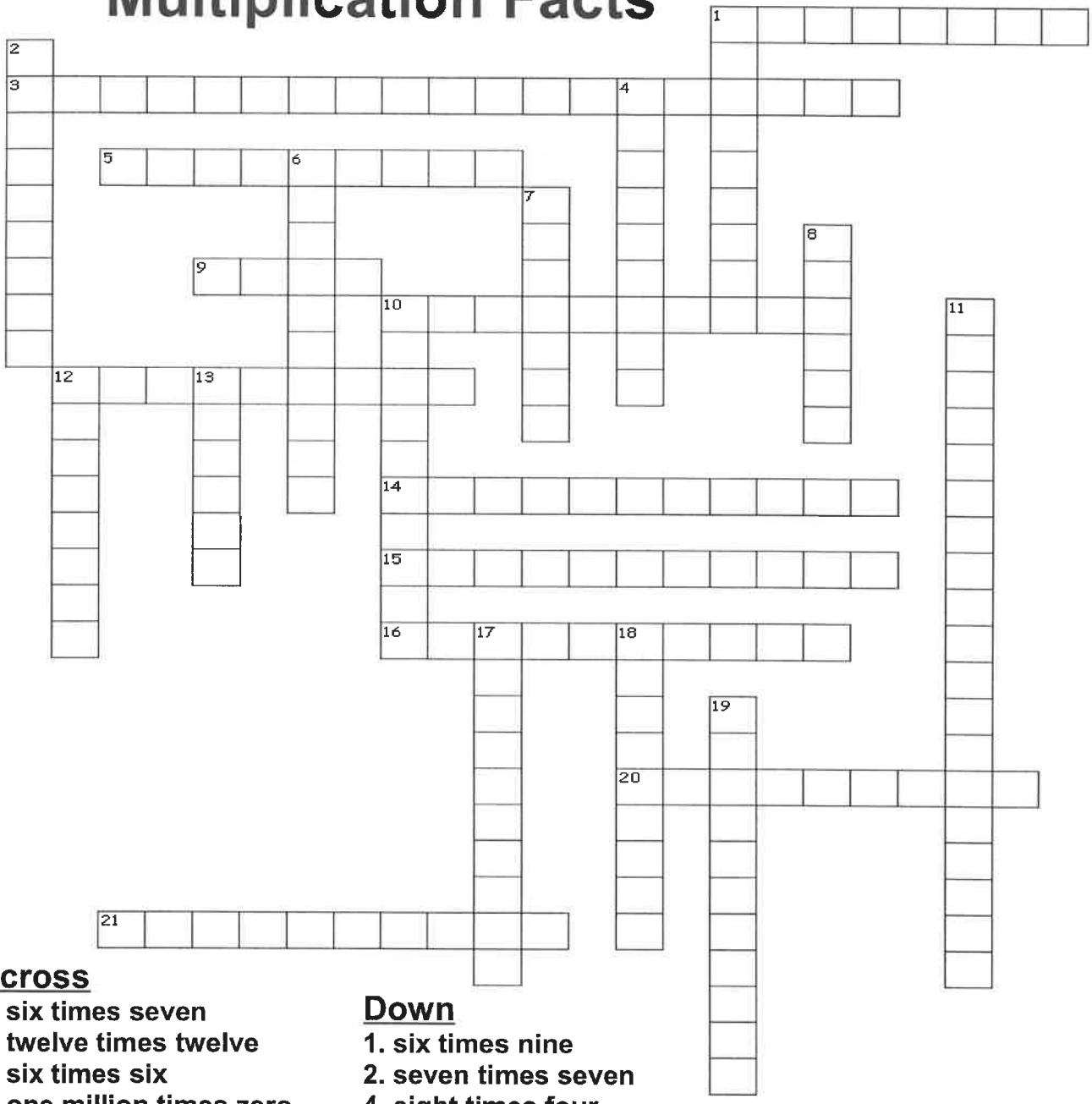
_____

l. Diego made a scrapbook. There are 30 pages in the scrapbook, and he put 3 pictures on each page. How many pictures did Diego put in his scrapbook?

_____

Name: _____

Multiplication Facts



Across

1. six times seven
3. twelve times twelve
5. six times six
9. one million times zero
10. nine times seven
12. eleven times five
14. twenty-three times one
15. seven times four
16. ten times ten
20. seven times three
21. eight times three

Down

1. six times nine
2. seven times seven
4. eight times four
6. seven times five
7. three times five
8. four times three
10. eight times nine
11. eleven times eleven
12. eight times seven
13. six times five
17. twelve times seven
18. twelve times eight
19. nine times three