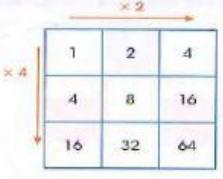


/40				
Grade 4	Bronze	Silver-	Silver+	Gold

A. VOCABULARY:

Match the numbers (1-8) with the correct letters (A-H). Write the answers in the boxes.

1. general statement	A. a statement that is not about particular examples and it is a rule that always works.
2. efficient	B. decreasing a number to the nearest whole number or the nearest 10/ 100/ 1000 below it.
3. rounding up	C. 0, 30, 40, 58, 68, 88, 98, 100, ...
4. even number	D. using the easiest way to get the correct answer.
5. multiplication grid	E. increasing a number to the nearest whole number or the nearest 10/ 100/ 1000.
6. counter example	<div style="text-align: center;">  </div> <p>F.</p>
7. rounding down	G. 1, 7, 23, 37, 45, 69, 77, 89, 91, ...
8. odd number	H. an example that shows a general statement is wrong.

1	2	3	4	5	6	7	8

B. APPLICATION:

9. Write an odd number to make this statement true.

a. $25 < \square < 29$

b. $759 < \square < 763$

(10-12). Complete these multiplication grids.

	$\xrightarrow{\quad \times 2 \quad}$		
$\downarrow \times 4$	3		

	$\xrightarrow{\quad \times 3 \quad}$		
$\downarrow \times 5$	1		

	$\xrightarrow{\quad \times 4 \quad}$		
$\downarrow \times 6$	2		

13. Complete these calculations.

a. $58 \times 6 = \dots\dots\dots$

b. $79 \times 9 = \dots\dots\dots$

14. Complete these calculations.

a. $39 \times 9 = \dots\dots\dots$

b. $67 \times 6 = \dots\dots\dots$

15. Use the numbers 6, 7 and 42 to complete these calculations.

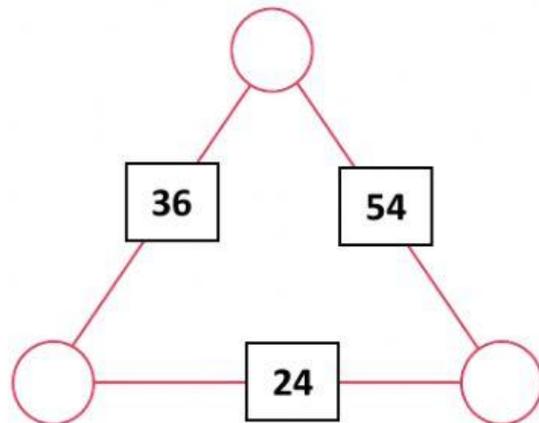
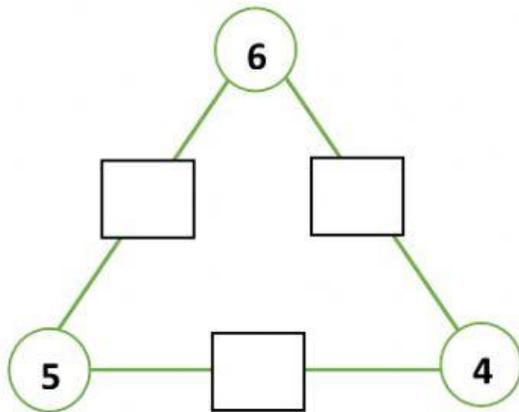
a. $\square \times \square = \square$

b. $\square \div \square = \square$

c. $\square \times \square = \square$

d. $\square \div \square = \square$

(16-17). Complete these multiplication triangles.



(18-21). Use some know facts below and choose a different method for calculating.

	Known fact	Calculation
18.	$24 \times 4 = 96$	$24 \times 5 = \dots\dots\dots$
19.	$38 \times 3 = 114$	$38 \times 6 = \dots\dots\dots$
20.	$49 \times 6 = 294$	$49 \times 3 = \dots\dots\dots$
21.	$55 \times 6 = 330$	$55 \times 7 = \dots\dots\dots$

22. Find a two-digit number that has a remainder of 2 when they are divided by 4.

Answer:

23. Find a two-digit number that has a remainder of 1 when they are divided by 3.

Answer:

24. Stamps are sold in books of six. Michelle needs stamps to post 41 letters.

How many books of stamps does she need?

Answer:

25. Sunny has 107 flowers. She puts 10 flowers in each bunch. How many **bunches** can she make?

Answer:

26. There are 35 students in a class. Four students sit at each table. How many **tables** are needed?

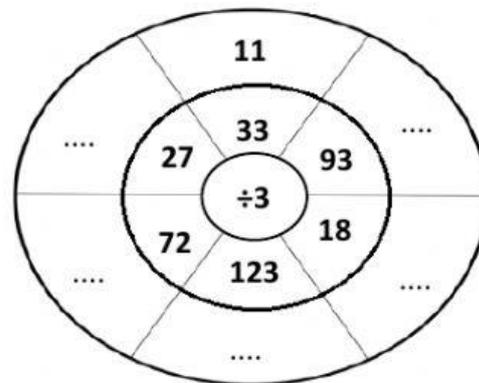
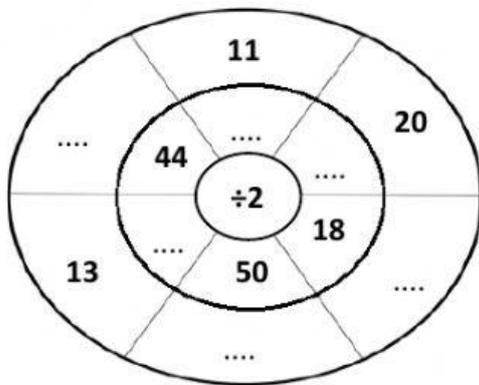
Answer:

27. Bob buys 72 crayons. He puts 9 crayons in each pencil case.

How many **pencil cases** does he need?

Answer:

(28-29). Complete these division wheels.



30. Choose these number cards to make an **even number greater than 2000**.



Answer:

31. Choose these number cards to make an **odd number greater than 500**.



Answer:

32. Choose these number cards to make an **odd number greater than 3000** and **less than 7000**.



Answer:

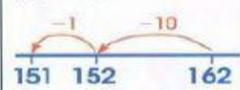
33. Timmy went to the supermarket to buy something. He bought a cap cost 17\$, a pair of socks cost 10\$ and a green jacket cost 58\$, but he had a \$15 discount. **How much did he need to pay?**

Answer:

34. Suzy had \$115 and she spend \$25 on book case, \$55 on pink skirt. She had \$35 left.

→ She can write that as:

(35-36). Use a mental method or a written method to solve each one. Make a table like this one.

Mental method		Written method	
Problem	Solution	Problem	Solution
Example: 162 - 11 =	151	Example: 362 - 138	224
		362 = 300 + 50 + 12 138 = 100 + 30 + 8 300 - 100 = 200 50 - 30 = 20 12 - 8 = 4 200 + 20 + 4 = 224	

Mental method		Written method	
Problem	Solution	Problem	Solution
257 - 11	762 - 237
.....		
.....		
.....		
.....		
.....		
.....		
.....		
.....		

37. An elevator holds 12 people. **How many elevators** do we need for 28 people?

Answer:

38. You put 11 bars of chocolate in a box. **How many boxes** can you need to put 55 bars of

chocolate? Answer:

(39-40). Complete these calculations using the most efficient method.

95 ÷ 5

.....

109 ÷ 9

.....

