

Your Name: _____

1. Calculate:

	7	6			4	5	4			6	2	8			3	6	8	8
+	1	3		-		4	4		+	1	5	1		+	1	5	9	4
	<u> </u>				<u> </u>					<u> </u>					<u> </u>			

2. Multiplication. Make the equalities correct (insert missing numbers)

a. $8 \times 4 = 32 \times \underline{\hspace{1cm}}$

b. $3 \times \underline{\quad} = 9 \times 2$

c. $4 \times 5 = 2 \times \underline{\hspace{1cm}}$

d. $6 \times \underline{\hspace{1cm}} = 12 \times 3$

2. Mark the order of operations and calculate:

$$4 \times 3 + 2 = \underline{\hspace{2cm}}$$

$$12 - 3 \times 2 = \underline{\hspace{2cm}}$$

$$(4 + 3) \times 2 = \underline{\hspace{2cm}}$$

$$12 \times 2 - 3 \times 2 = \underline{\hspace{2cm}}$$

4. There are 3 classes of 4th graders at the school, each class has 10 students, and 4 classes of 3rd graders, each one has 9 students. How many children in both 3rd and 4th grades?

5. Write down the numerical expression (do NOT calculate the values)

a) Subtract 15 from the sum of 25 and 13: _____

b) Add 102 to the difference between 22 and 15: _____

c) Multiply the difference between 25 and 17 by 3: _____

6. Compare expressions using $>$, $<$, or $=$:

$$a \square a + c$$

$$a + b \square b + a$$

$$38 - b \square 68 - b$$

$$b \square b - 5$$

$$k + 26 \square 62 + k$$

$$a - 0 \square a + 0$$

$$4 + 4 \square 4 \times 4$$

$$25 \div 5 \square 25 - 5$$

$$4 \times 6 \square 8 \times 3$$

7. Solve for x and check your answers. Use a diagram if you need it.

a. $x + 12 = 41$

$x =$ _____

$x =$ _____

Check: _____

b. $41 - x = 11$

$x =$ _____

$x =$ _____

Check: _____

8. The perimeter of the quadrilateral $ABCD$ equals 84 cm. What is the length of side AD ? Show your work.

$AD =$ _____ cm

