

COUNTING NUMBERS

NUMBER

1. Write the missing numbers.

- (a) 20, _____, _____, 23, _____, _____, _____, 27, _____, _____, _____
- (b) 2, 4, _____, _____, 10, _____, _____, _____, 18, _____, _____
- (c) 10, _____, 20, _____, _____, _____, 40, _____, _____, _____
- (d) _____, 20, _____, _____, 50, _____, _____, _____, _____, 100
- (e) 20, 24, _____, _____, 36, _____, _____, _____, 52, _____

2. Write the amounts as numbers.

- (a) three hundred and fifty _____
- (b) five hundred and ten _____
- (c) seven hundred and twenty-nine _____
- (d) two hundred and twelve _____

3. Write the number that comes before and after each amount.

- (a) _____, 9, _____ (b) _____, 21, _____
- (c) _____, 55, _____ (d) _____, 60, _____
- (e) _____, 88, _____ (f) _____, 99, _____

4. Write the number that is three more.

- (a) 17, _____ (b) 25, _____
- (c) 33, _____ (d) 91, _____

5. Write the number that is five less.

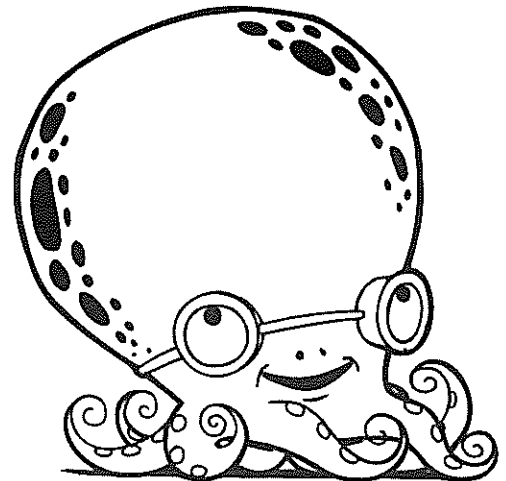
- (a) 15, _____ (b) 30, _____
- (c) 28, _____ (d) 51, _____

6. Write the number that is ten less and ten more.

- (a) _____, 20, _____ (b) _____, 41, _____ (c) _____, 89, _____

7. Write the amounts in words.

- (a) 45 _____
- (b) 225 _____
- (c) 809 _____



STUDENT NAME

ORDERING NUMBERS

NUMBER

1. Order the numbers from smallest to largest.

- (a) 13, 9, 23, 3, 33, 31 _____
(b) 84, 4, 44, 8, 48, 88 _____
(c) 405, 203, 607, 102, 304, 506 _____
(d) 770, 707, 777, 717, 7, 77 _____
(e) 89, 406, 2, 902, 18, 318 _____

2. Order the numbers from largest to smallest.

- (a) 21, 202, 2, 22, 222, 12 _____
(b) 333, 777, 444, 999, 111, 888 _____
(c) 101, 10, 110, 11, 111, 1 _____
(d) 410, 77, 308, 12, 900, 16 _____
(e) 901, 19, 99, 909, 990, 9 _____

3. Rearrange each number to make the largest possible amount.

- (a) 429 _____ (b) 782 _____
(c) 599 _____ (d) 790 _____

4. Rearrange each number to make the smallest possible amount.

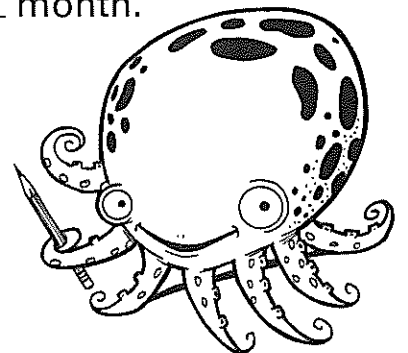
- (a) 926 _____ (b) 471 _____
(c) 826 _____ (d) 412 _____

5. Write the numbers in the correct order.

4th, 10th, 1st, 3rd, 5th, 9th, 6th

6. Complete each sentence by using ordinal numbers.

- (a) My birthday is on the _____ day of the _____ month.
(b) Christmas Day is on the _____ day of
the _____ month.
(c) New Year's Day is on the _____ day of
the _____ month.

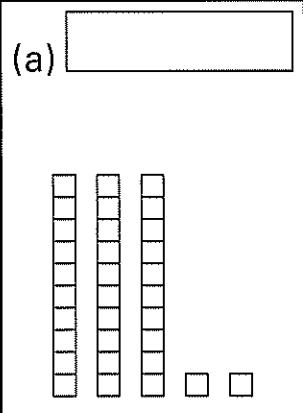
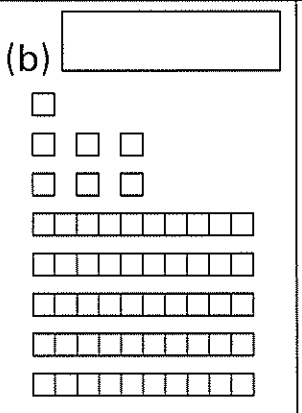
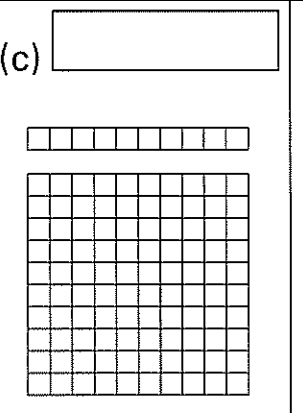
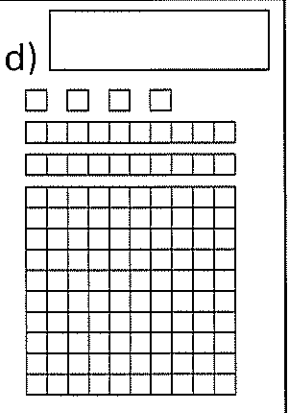


STUDENT NAME

PLACE VALUE

NUMBER

1. Write the number that the place value blocks represent.

(a) 	(b) 	(c) 	(d) 
---------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------

2. Write the place value amounts as numbers.

- (a) four tens and three ones = _____
- (b) eight tens = _____
- (c) nine tens and nine ones = _____
- (d) one hundred and two tens = _____
- (e) four hundreds, eight tens and seven ones = _____

3. Write each number as its place value amount.

- (a) 21 = ____ tens and ____ one
- (b) 75 = ____tens and ____ ones
- (c) 305 = ____ hundreds, ____tens and ____ ones
- (d) 840 = ____ hundreds, ____tens and ____ ones
- (e) 746 = ____ hundreds, ____ tens and ____ ones

4. Write the missing numbers.

- (a) $14 = 10 + \square$
- (b) $37 = \square + 7$
- (c) $\square = 80 + 5$
- (d) $128 = 100 + \square + 8$
- (e) $468 = \square + 60 + \square$
- (f) $\square = 700 + 40$
- (g) $954 = \square + \square + \square$

5. Circle the number in each amount that represents the tens place value.

- (a) 47
- (b) 182
- (c) 497
- (d) 34
- (e) 999

STUDENT NAME

ADDITION

NUMBER

1. Solve the addition problem.

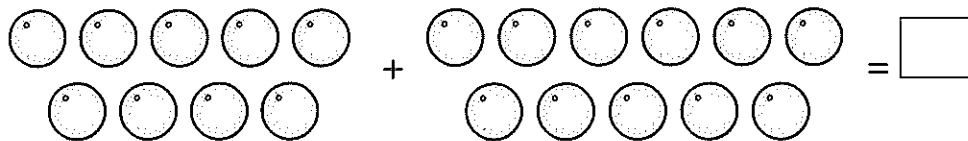


Write three more addition sentences that equal this number.

(a) $\square + \square = \square$ (b) $\square + \square = \square$

(c) $\square + \square = \square$

2. Solve the addition problem.



Write three more addition sentences that equal this number.

(a) $\square + \square = \square$ (b) $\square + \square = \square$

(c) $\square + \square = \square$

3. Write the missing numbers.

(a) $5 + 7 = \square = \square + 5 = 12$ (b) $\square + 9 = 13 = \square + 4 = 13$

(c) $6 + \square = 10 = 4 + \square = 10$ (d) $10 + \square = 15 = \square + 10 = \square$

4. (a) $20 + 5 = \square$ (b) $90 + 8 = \square$ (c) $30 + 9 = \square$

(d) $70 + 6 = \square$ (e) $40 + 9 = \square$ (f) $90 + 10 = \square$

5. Write the missing number.

(a) $9 + \square = 15$ (b) $12 + \square = 22$ (c) $\square + 8 = 18$

(d) $\square + 4 = 12$ (e) $\square + 15 = 30$ (f) $6 + \square = 26$

6. (a) $\begin{array}{r} 22 \\ + 13 \\ \hline \end{array}$ (b) $\begin{array}{r} 34 \\ + 25 \\ \hline \end{array}$ (c) $\begin{array}{r} 41 \\ + 38 \\ \hline \end{array}$ (d) $\begin{array}{r} 79 \\ + 20 \\ \hline \end{array}$ (e) $\begin{array}{r} 82 \\ + 16 \\ \hline \end{array}$

7. (a) $\begin{array}{r} 123 \\ + 112 \\ \hline \end{array}$ (b) $\begin{array}{r} 220 \\ + 235 \\ \hline \end{array}$ (c) $\begin{array}{r} 612 \\ + 184 \\ \hline \end{array}$ (d) $\begin{array}{r} 403 \\ + 295 \\ \hline \end{array}$ (e) $\begin{array}{r} 135 \\ + 640 \\ \hline \end{array}$

STUDENT NAME

ADDITION PROBLEMS

NUMBER

1. (a) $\begin{array}{r} 17 \\ + 14 \\ \hline \end{array}$ (b) $\begin{array}{r} 26 \\ + 15 \\ \hline \end{array}$ (c) $\begin{array}{r} 45 \\ + 25 \\ \hline \end{array}$ (d) $\begin{array}{r} 39 \\ + 37 \\ \hline \end{array}$ (e) $\begin{array}{r} 34 \\ + 47 \\ \hline \end{array}$

2. Write the number sentence and solve the addition problem.

(a) Kate had nine toys and Eve had seven. How many toys altogether?

$$\square + \square = \square \text{ toys}$$

(b) There were seven students in one group and 11 in another. How many students were there altogether?

$$\square + \square = \square \text{ students}$$

(c) There were 12 flowers on one plant and nine flowers on another. How many flowers were there altogether?

$$\square + \square = \square \text{ flowers}$$

3. Set the stories out as vertical addition sums and solve them.

(a) There are 24 students in one class and 25 in another. How many students are there altogether?

$$\begin{array}{r} \square \\ \square \\ \hline \end{array} \quad \square \text{ students}$$

(b) One team scored 28 goals and the other scored 26 goals. How many goals were scored altogether?

$$\begin{array}{r} \square \\ \square \\ \hline \end{array} \quad \square \text{ goals}$$

(c) Forty-five students ordered salad sandwiches and 39 students ordered chicken sandwiches. How many sandwiches were ordered altogether?

$$\begin{array}{r} \square \\ \square \\ \hline \end{array} \quad \square \text{ sandwiches}$$

(d) Jane scored 56 runs and Nadeem scored 27 runs. What was the total amount of runs scored?

$$\begin{array}{r} \square \\ \square \\ \hline \end{array} \quad \square \text{ runs}$$

STUDENT NAME

SUBTRACTION

NUMBER

1. Solve the subtraction problem.

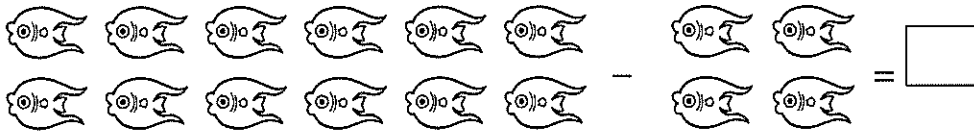


Write three more subtraction sentences that equal this number.

(a) $\underline{\quad} - \underline{\quad} = \underline{\quad}$ (b) $\underline{\quad} - \underline{\quad} = \underline{\quad}$

(c) $\underline{\quad} - \underline{\quad} = \underline{\quad}$

2. Solve the subtraction problem.



Write three more subtraction sentences that equal this number.

(a) $\underline{\quad} - \underline{\quad} = \underline{\quad}$ (b) $\underline{\quad} - \underline{\quad} = \underline{\quad}$

(c) $\underline{\quad} - \underline{\quad} = \underline{\quad}$

3. Write the missing numbers.

(a) $8 - 3 = \square = \square - 5 = 3$ (b) $9 - \square = 5 = 9 - 4 = \square$

(c) $12 - \square = 4 = 12 - \square = 8$ (d) $13 - \square = 4 = \square - 4 = \square$

4. (a) $20 - 10 = \underline{\quad}$ (b) $50 - 20 = \underline{\quad}$ (c) $40 - 10 = \underline{\quad}$

(d) $60 - 60 = \underline{\quad}$ (e) $70 - 40 = \underline{\quad}$ (f) $80 - 20 = \underline{\quad}$

5. Write the missing numbers.

(a) $10 - \underline{\quad} = 3$ (b) $15 - \underline{\quad} = 9$ (c) $20 - \underline{\quad} = 16$

(d) $\underline{\quad} - 18 = 2$ (e) $\underline{\quad} - 10 = 12$ (f) $39 - \underline{\quad} = 9$

6. (a) 50 (b) 90 (c) 42 (d) 94 (e) 87

$$\begin{array}{r} 50 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ - 50 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ - 73 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ - 65 \\ \hline \end{array}$$

7. (a) 76 (b) 242 (c) 340 (d) 455 (e) 364

$$\begin{array}{r} 76 \\ - 75 \\ \hline \end{array}$$

$$\begin{array}{r} 242 \\ - 121 \\ \hline \end{array}$$

$$\begin{array}{r} 340 \\ - 120 \\ \hline \end{array}$$

$$\begin{array}{r} 455 \\ - 105 \\ \hline \end{array}$$

$$\begin{array}{r} 364 \\ - 123 \\ \hline \end{array}$$

STUDENT NAME

SUBTRACTION PROBLEMS

NUMBER

1. (a) $\begin{array}{r} 35 \\ - 16 \\ \hline \\ \hline \end{array}$ (b) $\begin{array}{r} 44 \\ - 28 \\ \hline \\ \hline \end{array}$ (c) $\begin{array}{r} 62 \\ - 35 \\ \hline \\ \hline \end{array}$ (d) $\begin{array}{r} 75 \\ - 38 \\ \hline \\ \hline \end{array}$ (e) $\begin{array}{r} 56 \\ - 29 \\ \hline \\ \hline \end{array}$

2. Write the number sentences and solve the subtraction problems.

- (a) Janek is 15 years old and Sam is nine years old.

How much older is Janek? $\square - \square = \square$ years

- (b) There were 20 students and 11 were girls.

How many were boys? $\square - \square = \square$ boys

3. Set the stories out as vertical subtraction problems and solve them.

- (a) There were 65 Year 3 students altogether. If there were 33 in one class, how many were in the other class?

	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>
--	-----------------------------------------------------------------------------------------

- (b) Oliver had 48 pencils but lost 17 by the end of the year. How many did he have left?

	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>
--	-----------------------------------------------------------------------------------------

- (c) Lily and Amy made 26 cards. If Lily made 16, how many did Amy make?

	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>
--	-----------------------------------------------------------------------------------------

- (d) Keisha had 51 emails. If she deleted 25, how many were left?

	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>
--	-----------------------------------------------------------------------------------------

- (e) Cooper's book is 50 pages long. If he has already read 24 pages, how many does he have left to read?

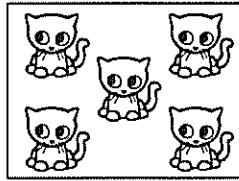
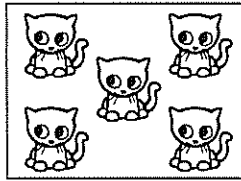
	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>
--	-----------------------------------------------------------------------------------------

STUDENT NAME

MULTIPLICATION

NUMBER

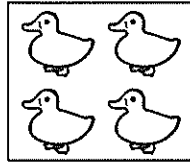
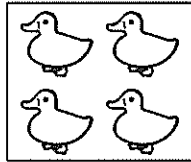
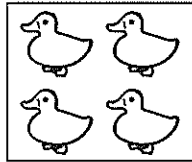
1. (a)



2 groups of 5 =

$2 \times 5 =$

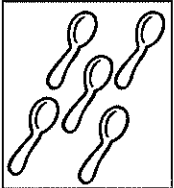
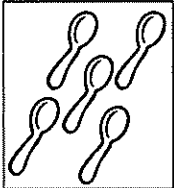
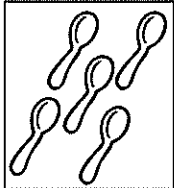
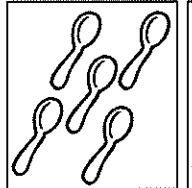
(b)



3 groups of 4 =

$3 \times 4 =$

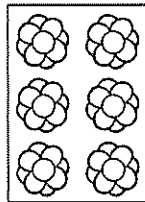
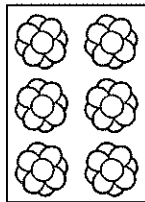
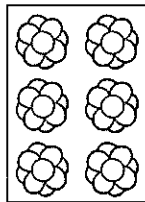
(c)



groups of =

\times =

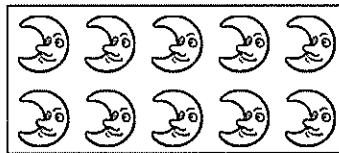
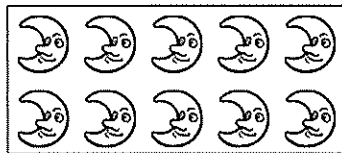
(d)



groups of =

\times =

(e)



groups of =

\times =

2. Write the missing number.

(a) $2 \times$ = 4

(b) \times 4 = 16

(c) \times 9 = 9

(d) $4 \times$ = 20

(e) \times 2 = 18

(f) $6 \times 4 =$

(g) $7 \times$ = 0

(h) \times 3 = 30

(i) $5 \times$ = 25

3. Write the number sentences and solve the multiplication problems.

(a) One car has four wheels.

How many wheels are on seven cars? \times = wheels

(b) One pizza has eight slices.

How many slices are in five pizzas? \times = slices

(c) Ten goldfish are in one tank.

How many goldfish are in four tanks? \times = goldfish

(d) How many wheels on 20 bicycles?

\times = wheels

STUDENT NAME

DIVISION

NUMBER

STUDENT NAME

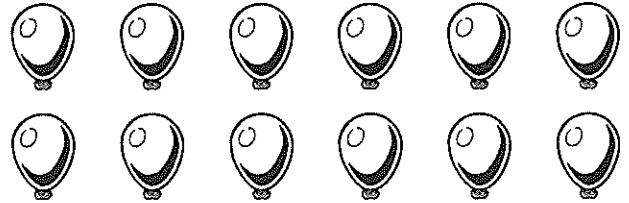
1. (a) Share into three groups.

$$9 \div 3 = \square$$



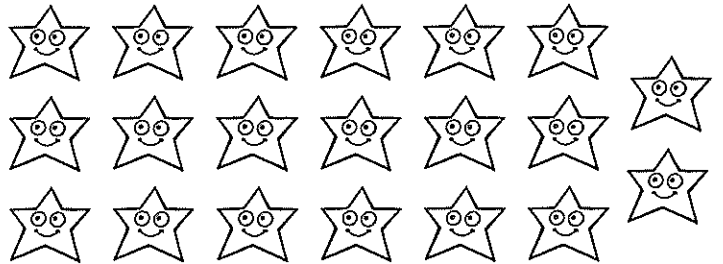
- (b) Share into four groups.

$$12 \div 4 = \square$$



- (c) Share into five groups.

$$\square \div \square = \square$$



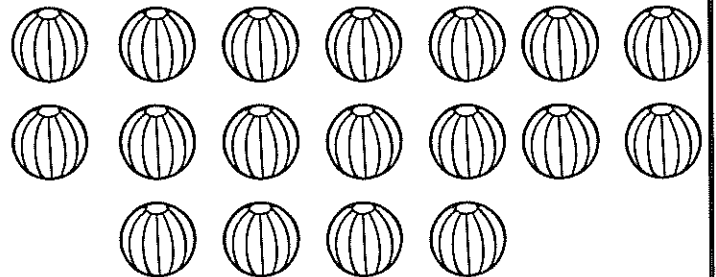
- (d) Share into three groups.

$$\square \div \square = \square$$



- (e) Share into six groups.

$$\square \div \square = \square$$



2. Write the number sentences and solve the division problems.

- (a) Five children shared 10 muffins.

How many muffins each? $\square \div \square = \square$ muffins

- (b) There were 21 flowers in three vases.

How many flowers in each vase? $\square \div \square = \square$ flowers

- (c) Twenty-four students were divided into six groups.

How many students in each group? $\square \div \square = \square$ students

- (d) Taylor put 30 apples into three bags.

How many apples in each bag? $\square \div \square = \square$ apples

MIXED MENTAL

NUMBER

STUDENT NAME

+	-	x	÷
$3 + 2 =$	$6 - 3 =$	$2 \times 2 =$	$10 \div 5 =$
$5 + 1 =$	$10 - 5 =$	$3 \times 1 =$	$4 \div 2 =$
$4 + 4 =$	$8 - 2 =$	$2 \times 5 =$	$9 \div 3 =$
$3 + 5$	$9 - 1 =$	$3 \times 3 =$	$8 \div 2 =$
$9 + 0 =$	$4 - 4 =$	$5 \times 4 =$	$12 \div 6 =$
$2 + 7 =$	$10 - 2 =$	$2 \times 7 =$	$6 \div 3 =$
$6 + 3 =$	$7 - 5 =$	$3 \times 4 =$	$4 \div 4 =$
$5 + 5 =$	$8 - 6 =$	$2 \times 6 =$	$15 \div 5 =$
$3 + 3 =$	$10 - 7 =$	$9 \times 1 =$	$10 \div 2 =$
$8 + 1 =$	$9 - 5 =$	$10 \times 2 =$	$8 \div 4 =$
$4 + 3 =$	$6 - 4 =$	$2 \times 3 =$	$12 \div 4 =$
$5 + 4 =$	$7 - 3 =$	$4 \times 4 =$	$20 \div 10 =$
$2 + 8 =$	$9 - 0 =$	$3 \times 10 =$	$9 \div 9 =$
$3 + 5 =$	$10 - 9 =$	$5 \times 3 =$	$16 \div 8 =$
$7 + 3 =$	$8 - 1 =$	$6 \times 0 =$	$20 \div 5 =$